

APPENDIX A
CRASH TEST DATA

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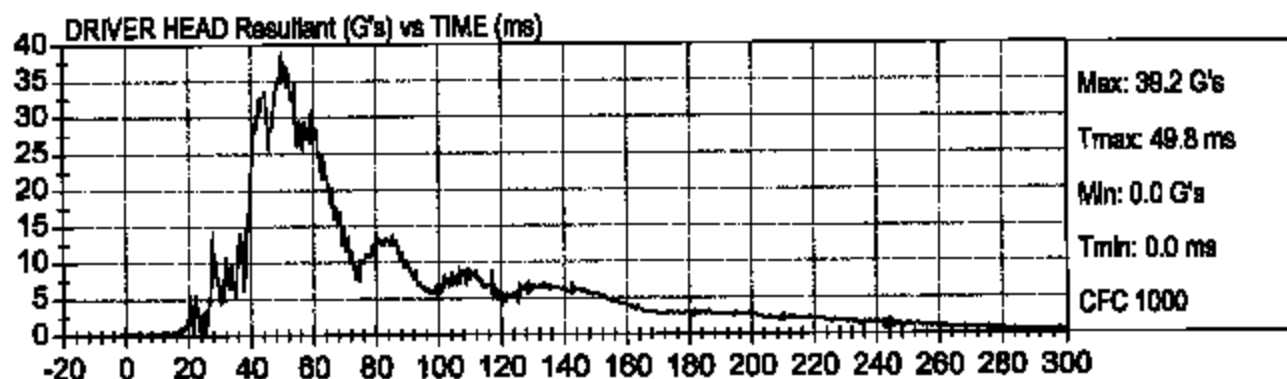
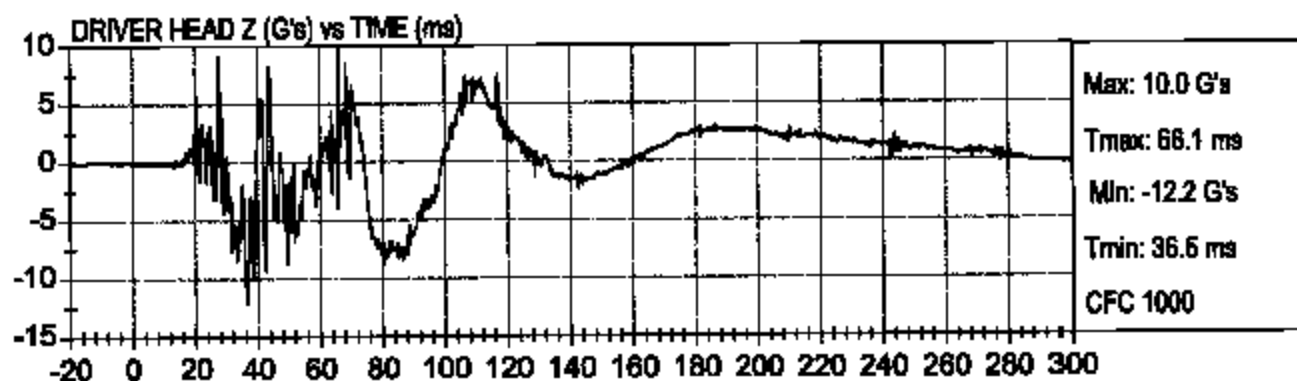
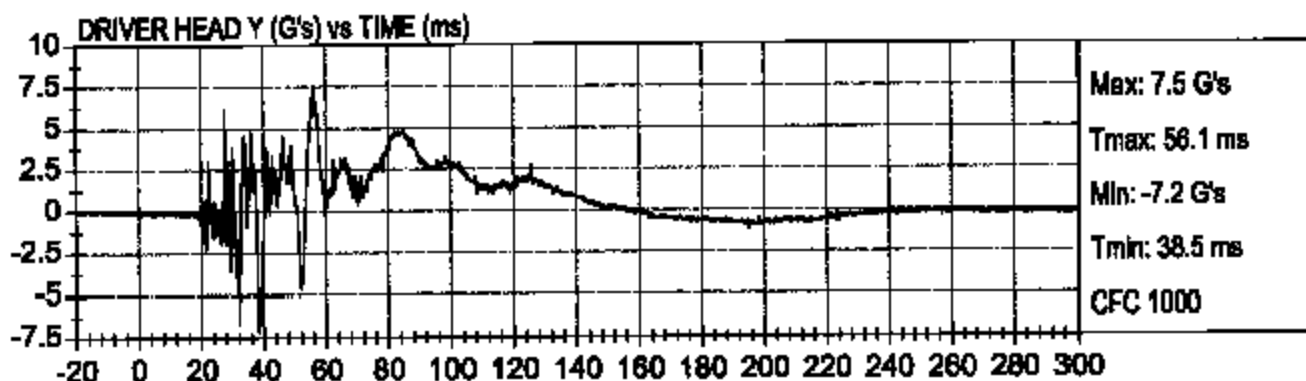
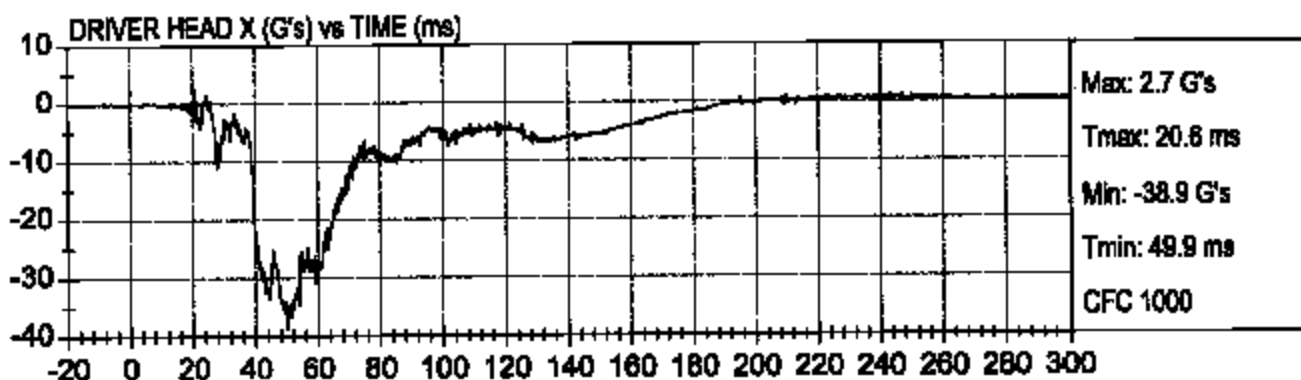
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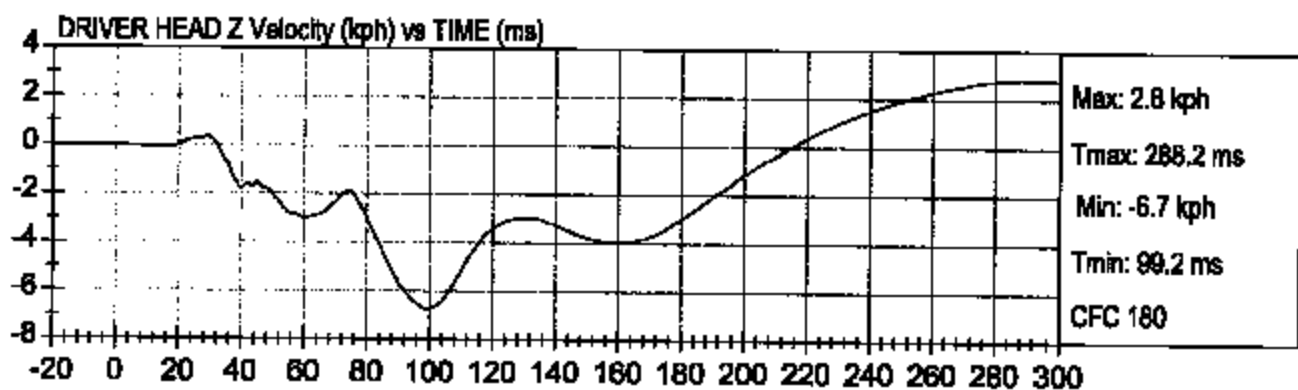
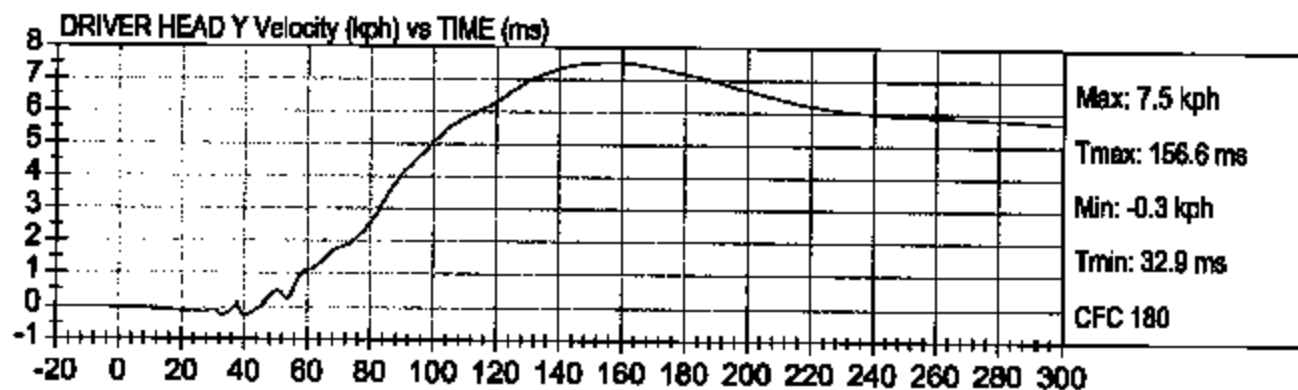
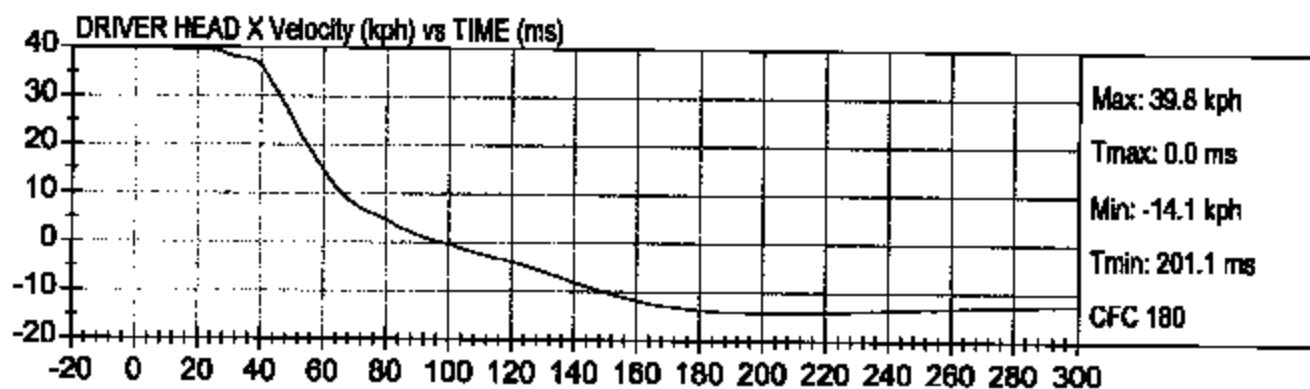
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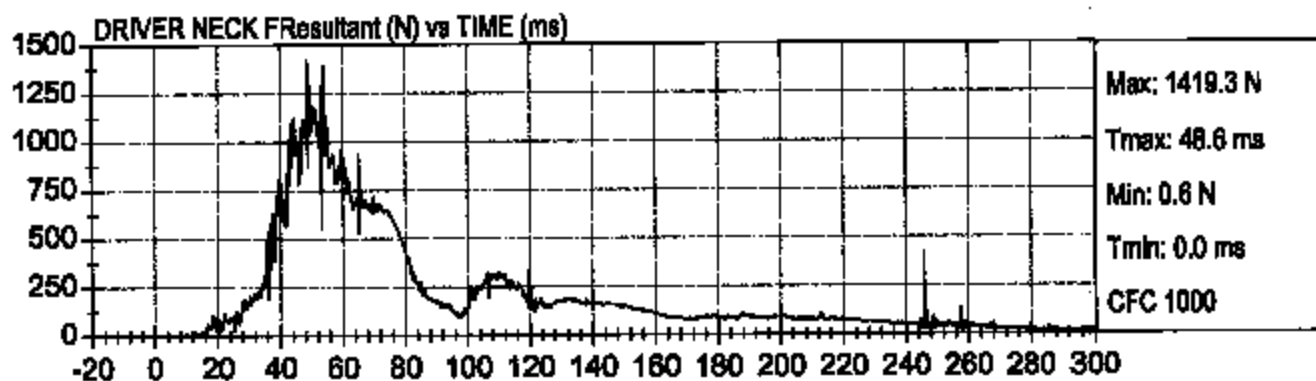
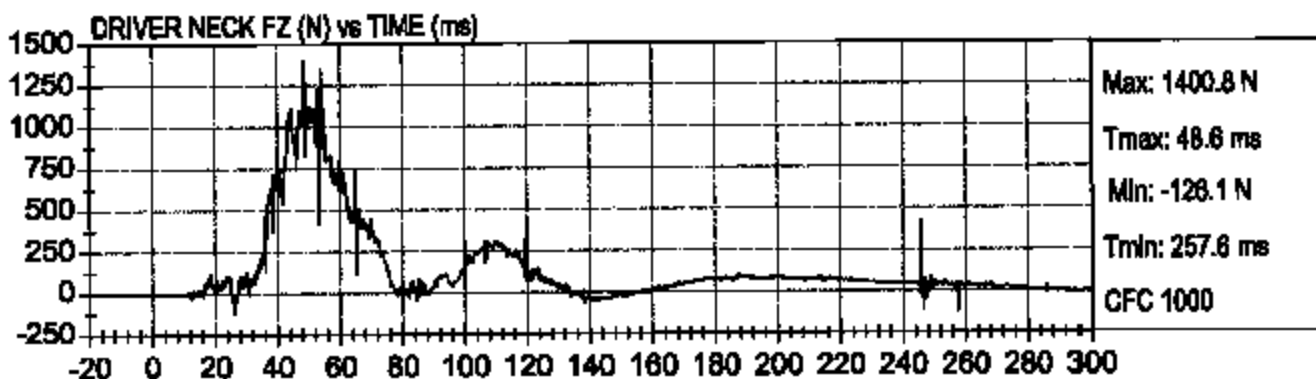
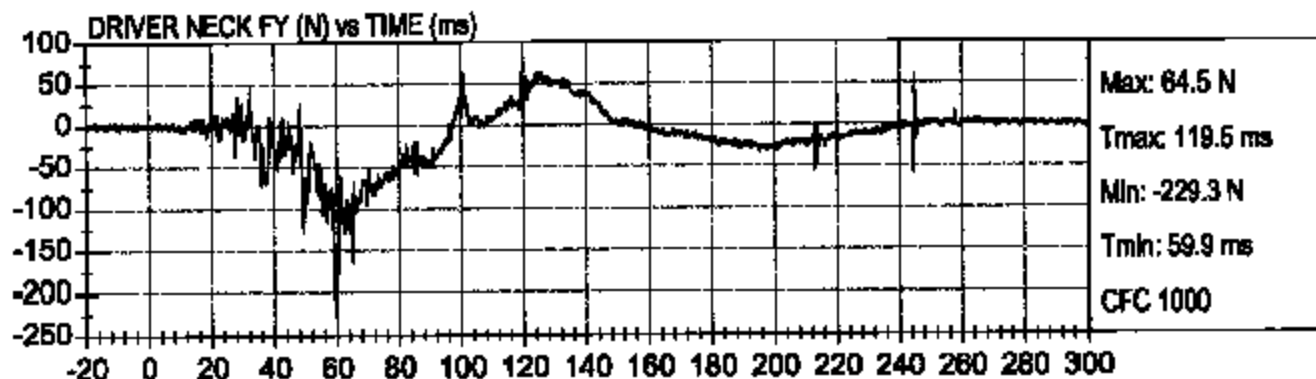
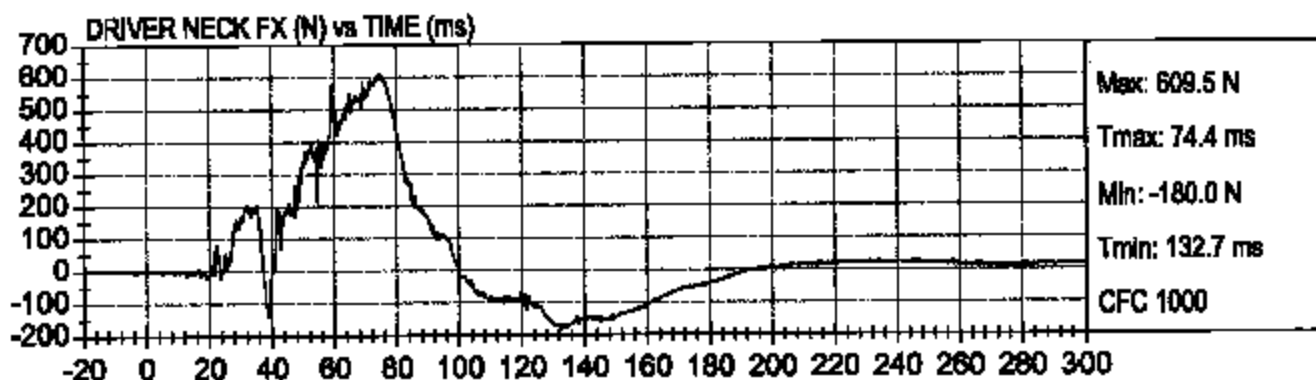
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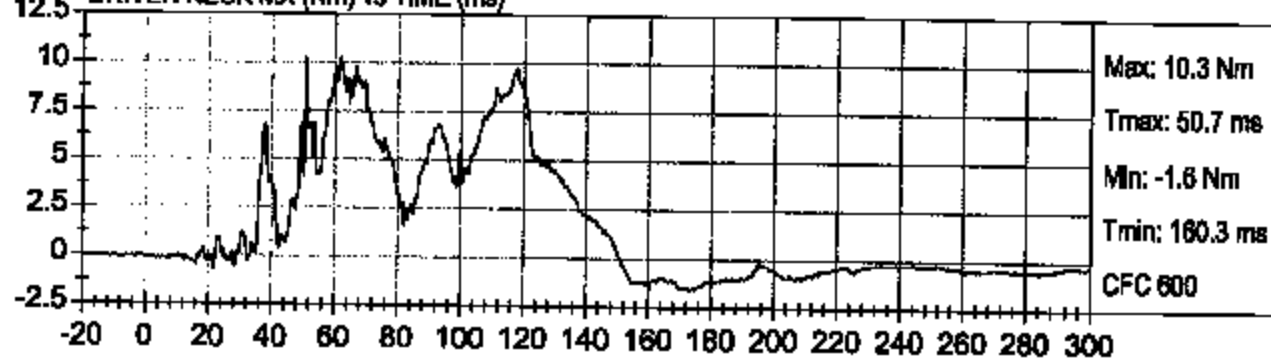




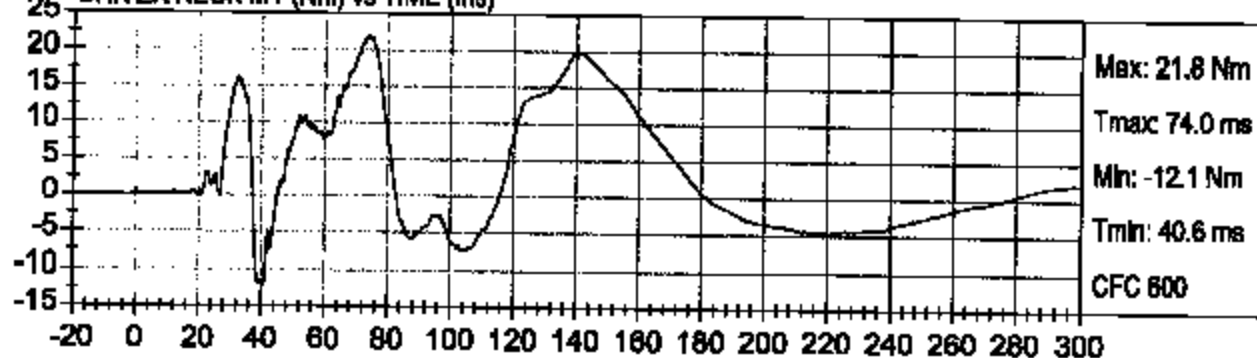
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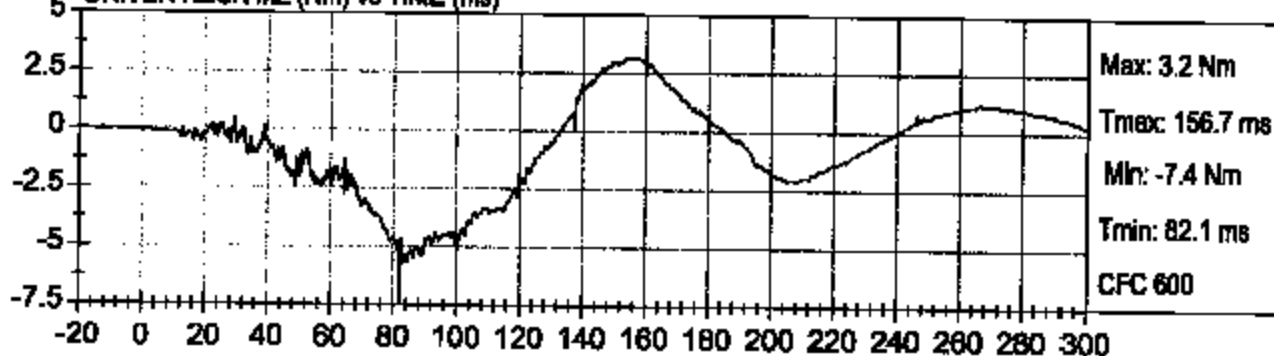
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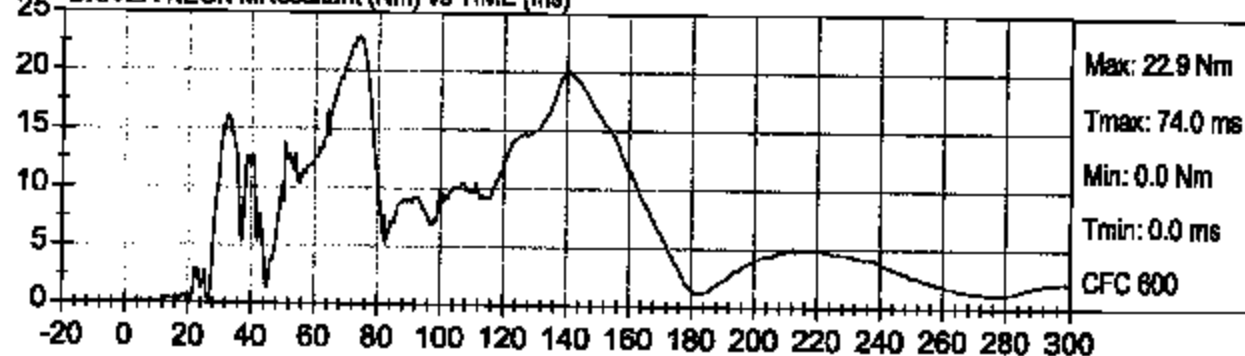
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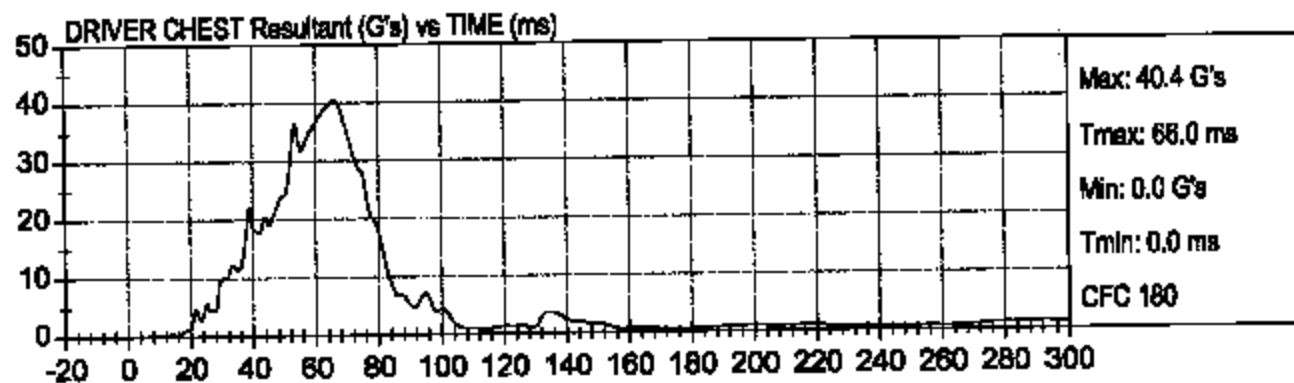
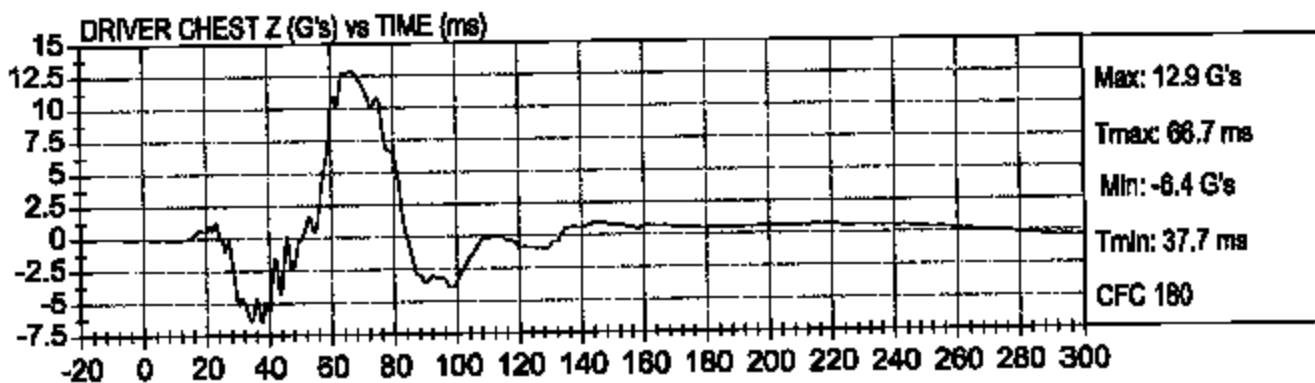
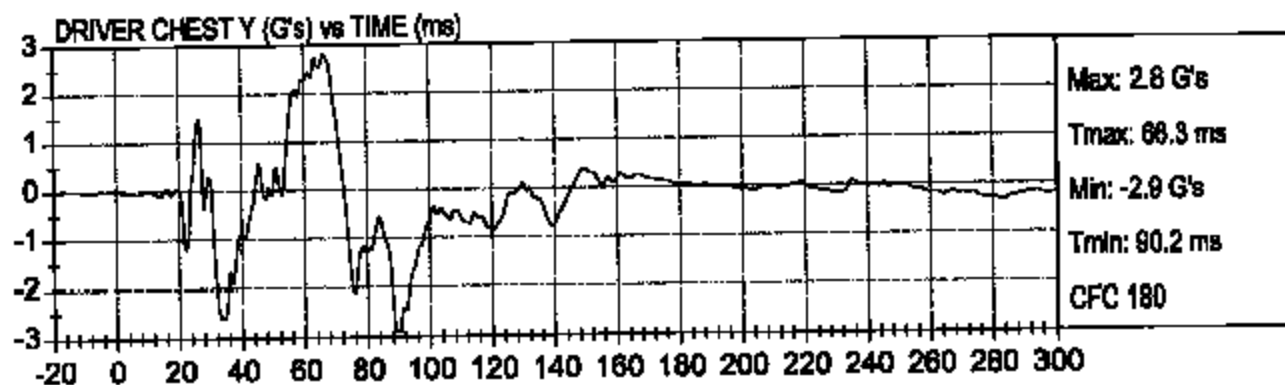
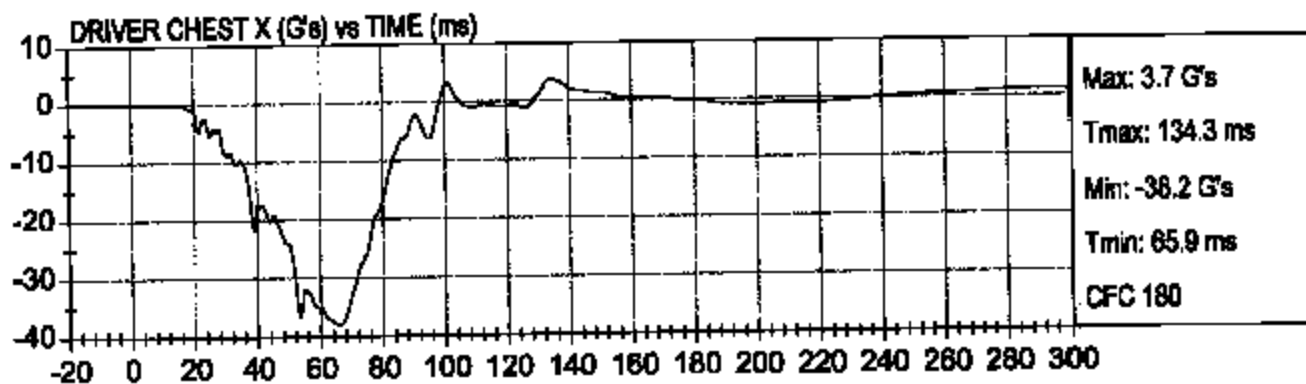
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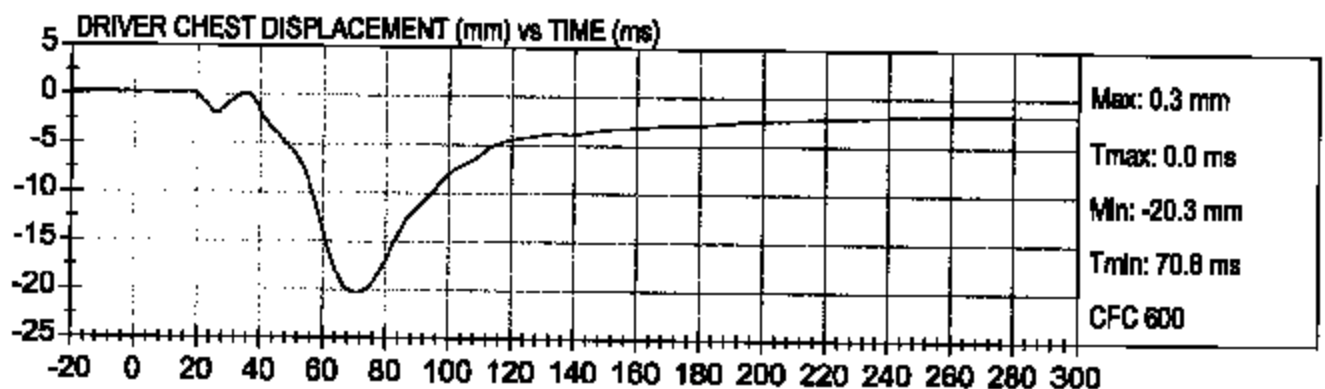
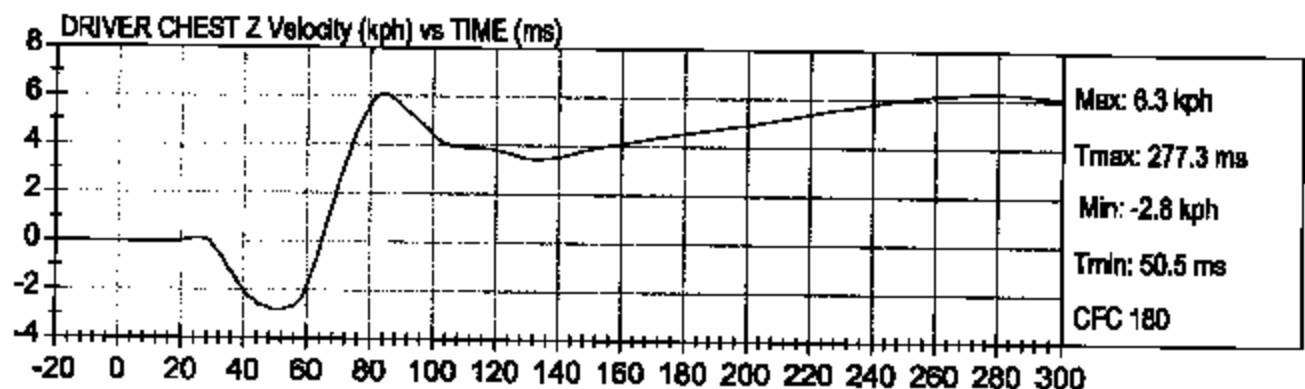
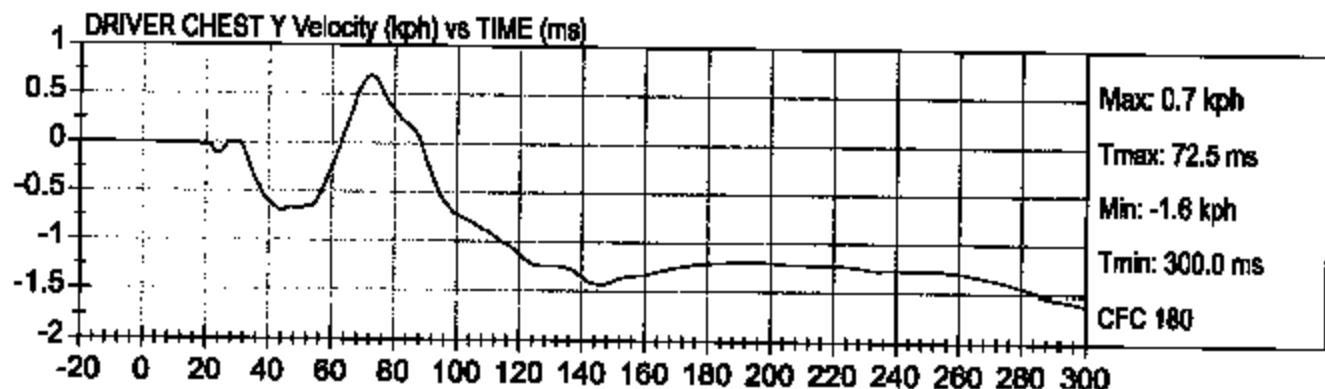
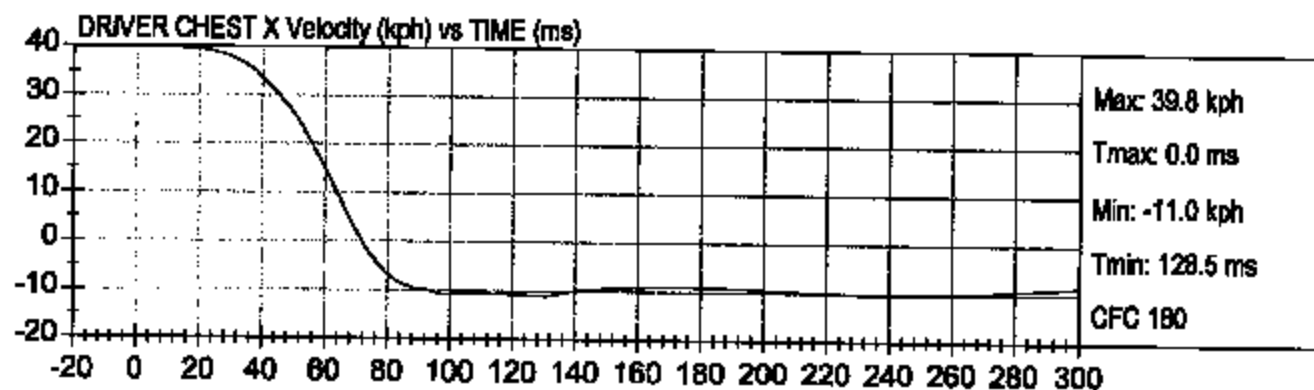
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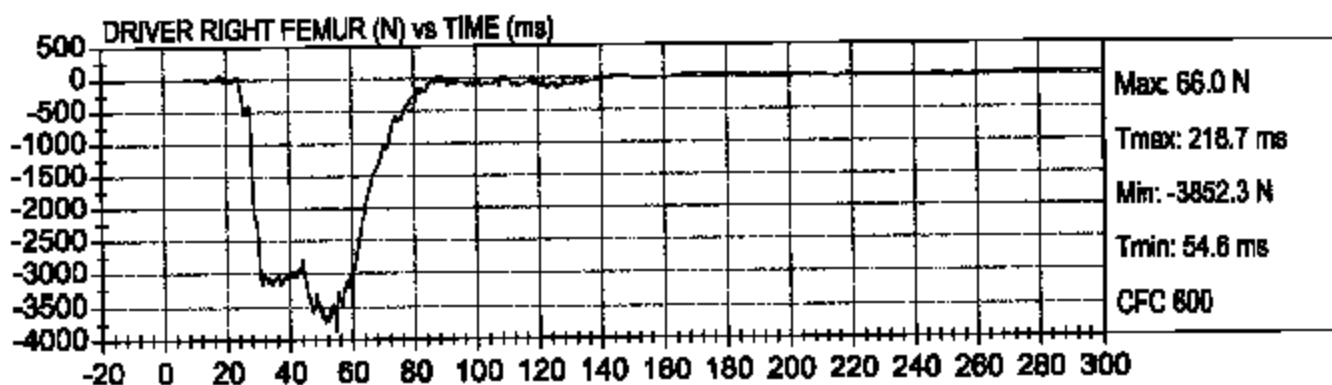
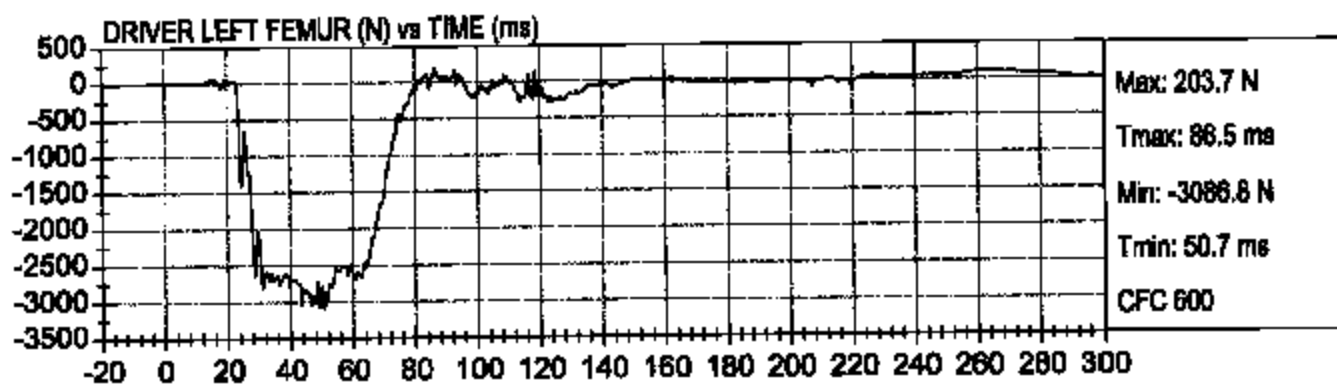
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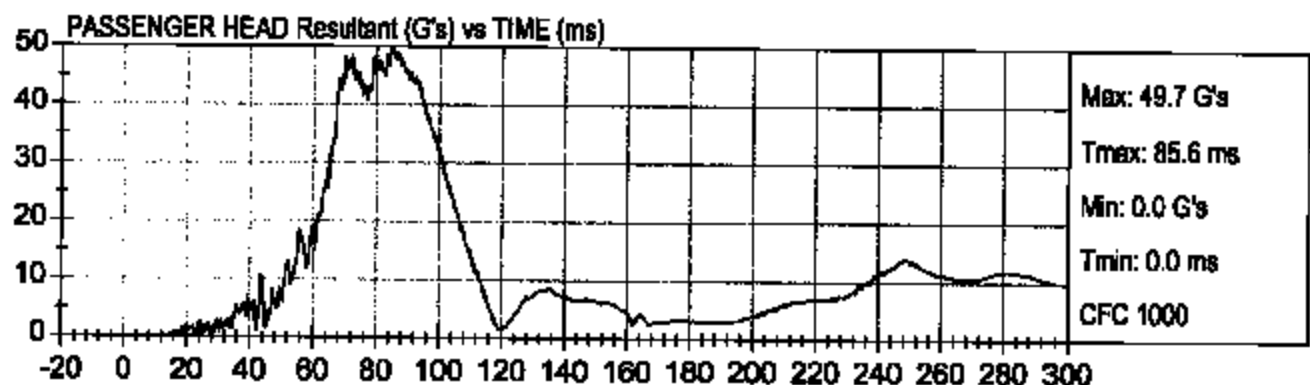
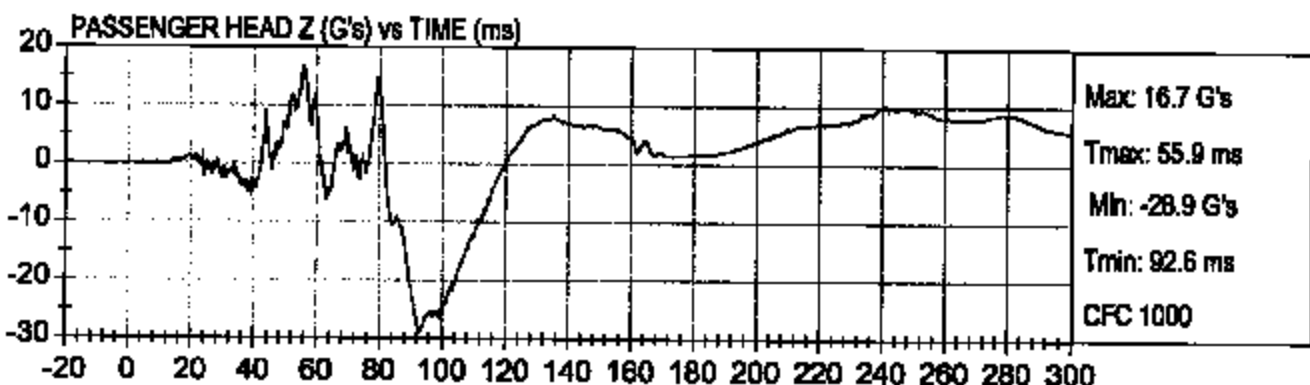
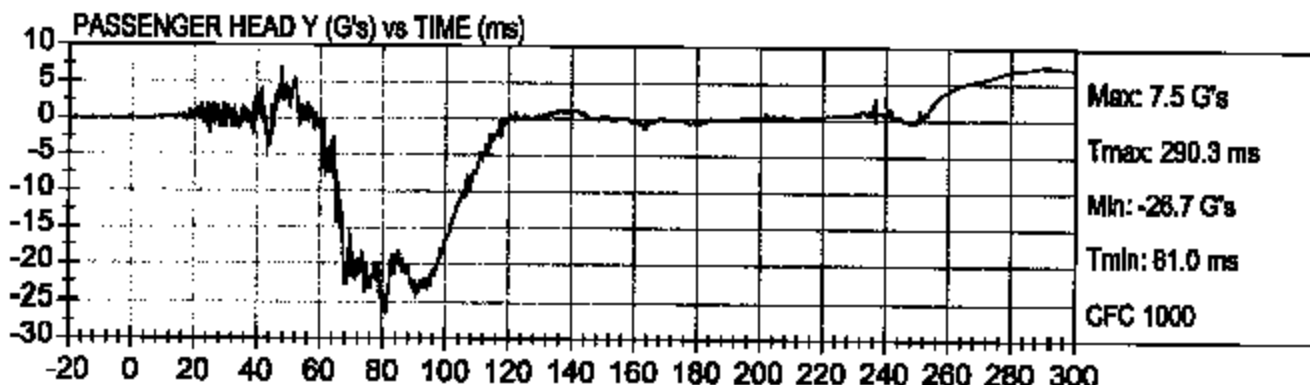
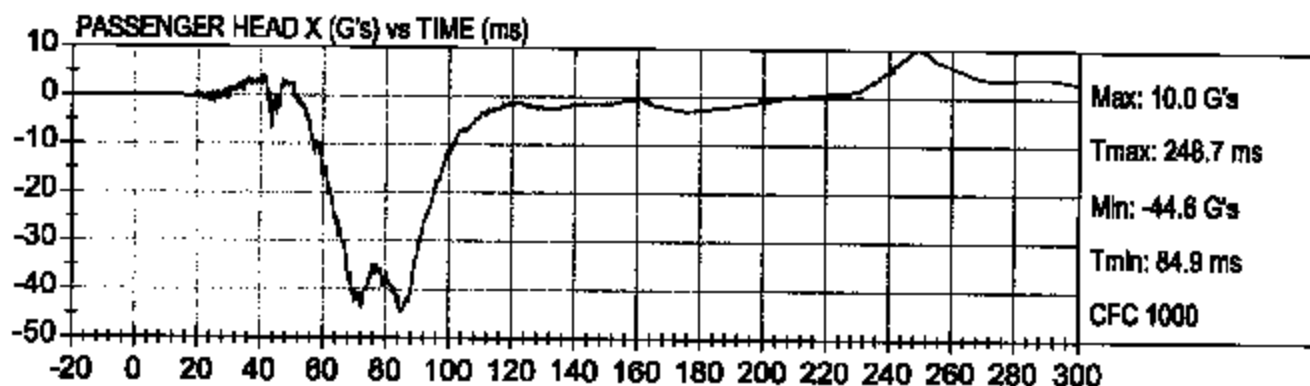
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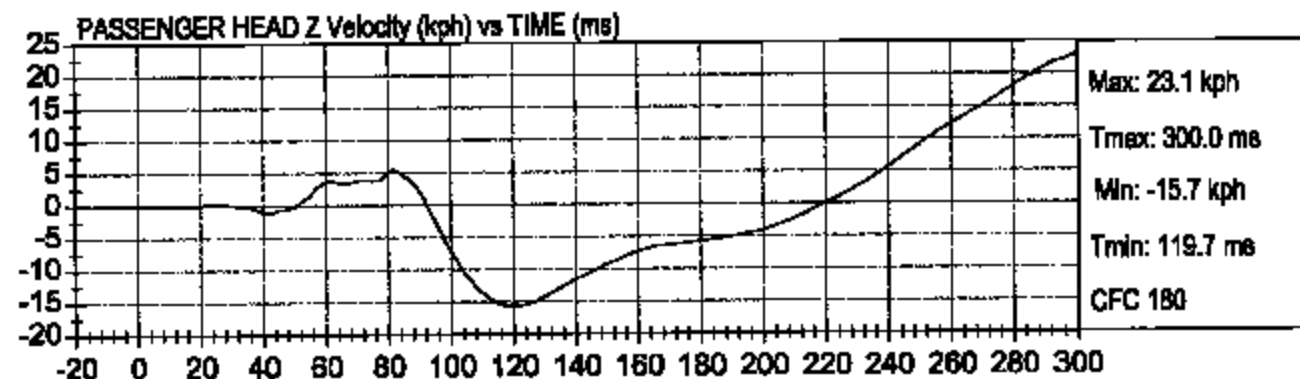
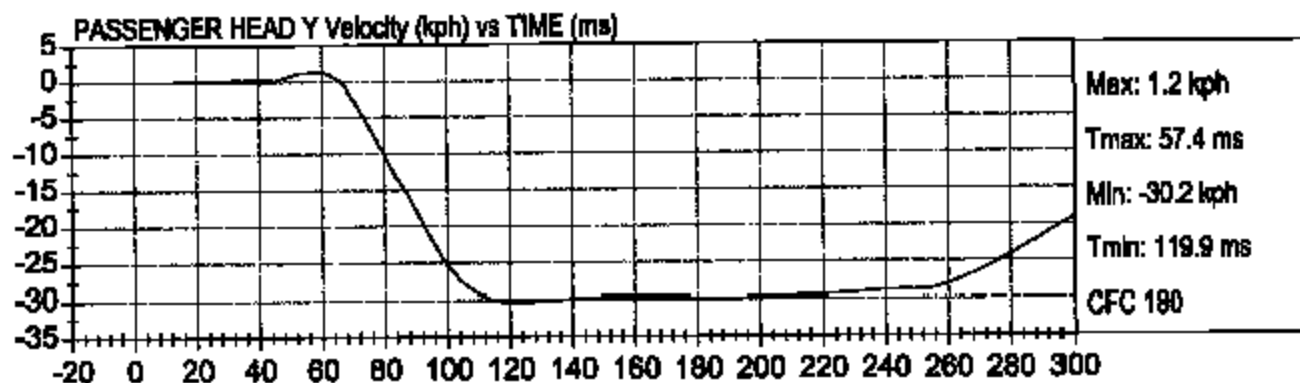
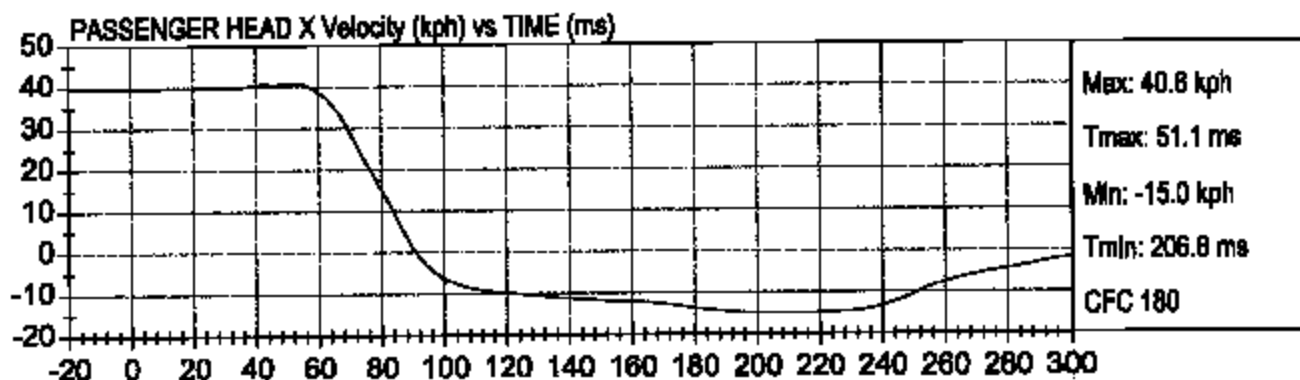
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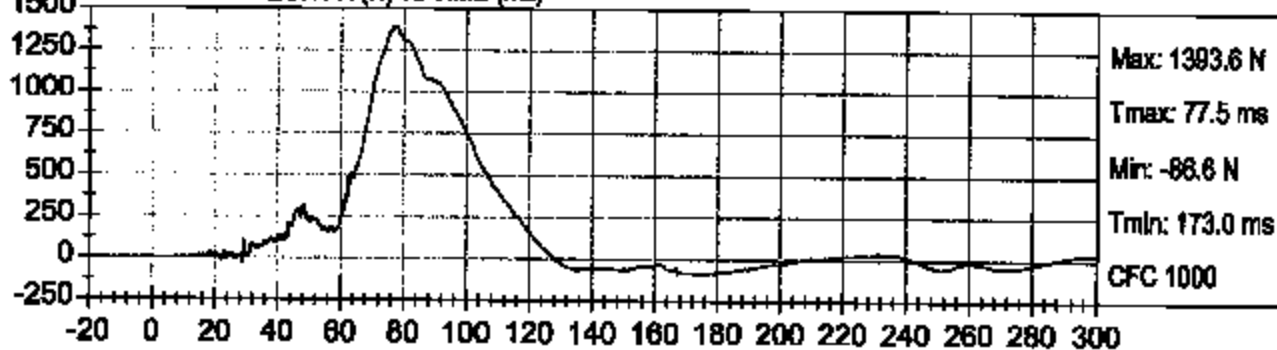




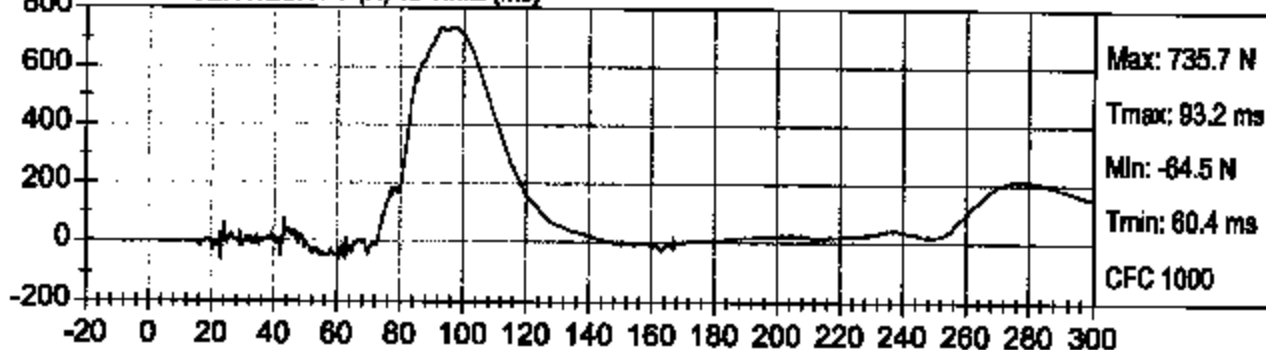
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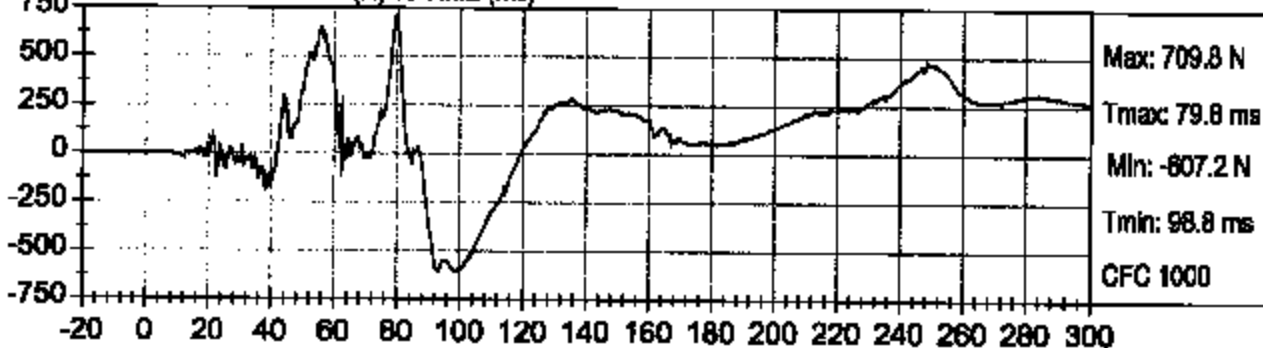
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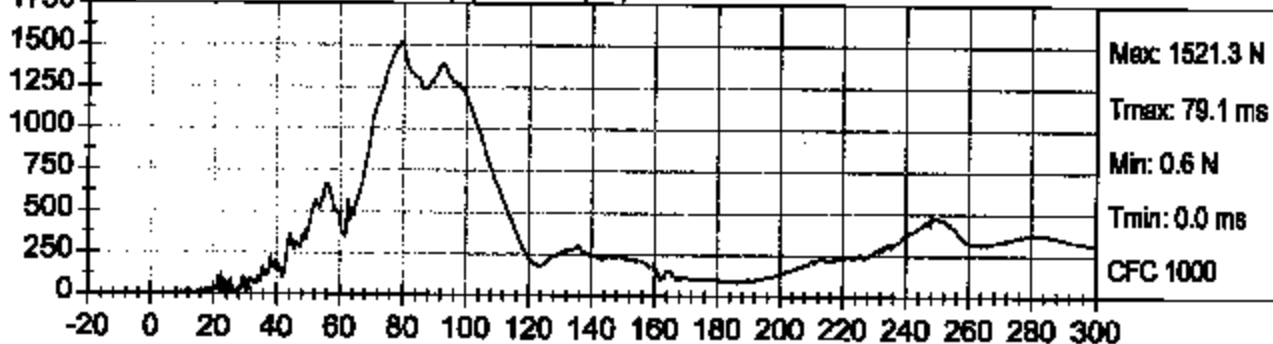
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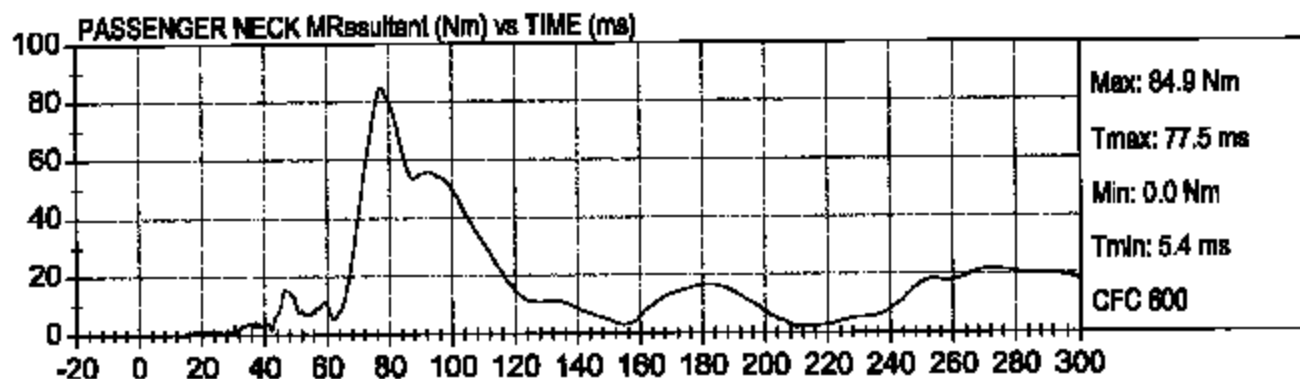
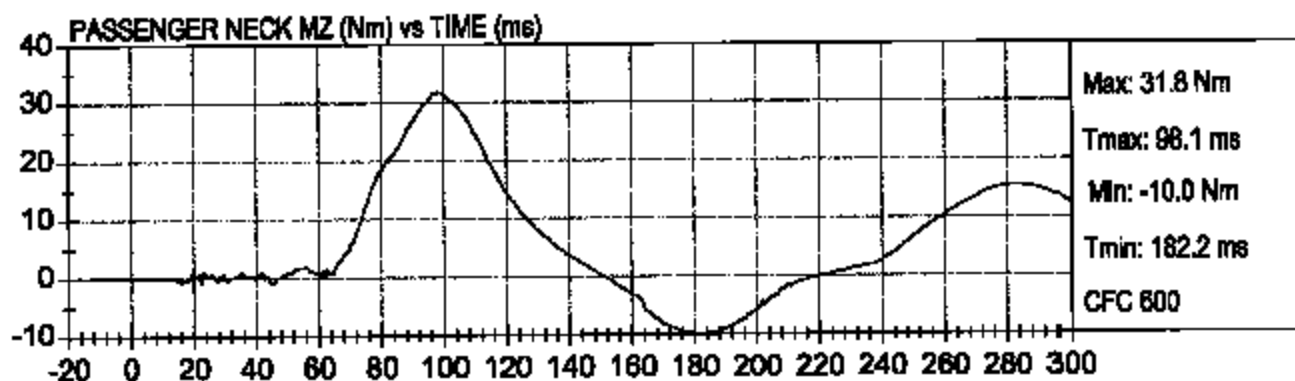
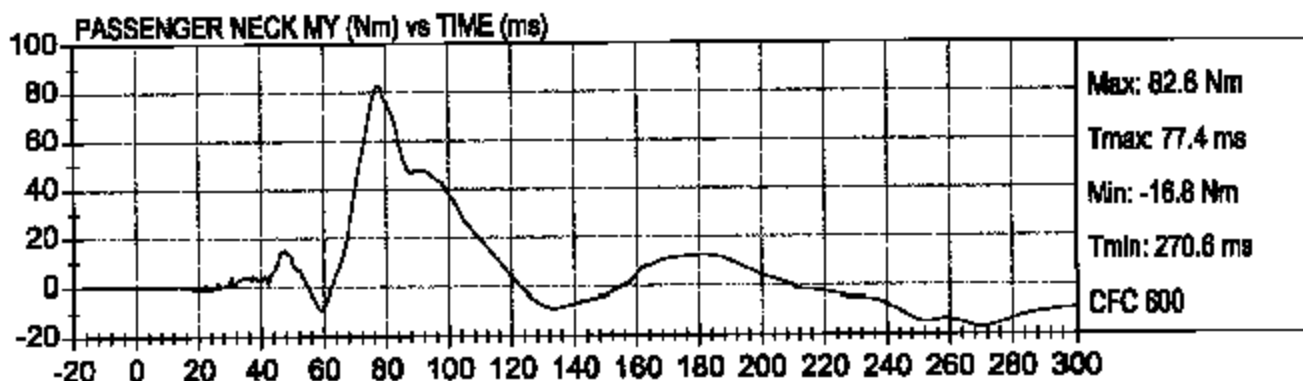
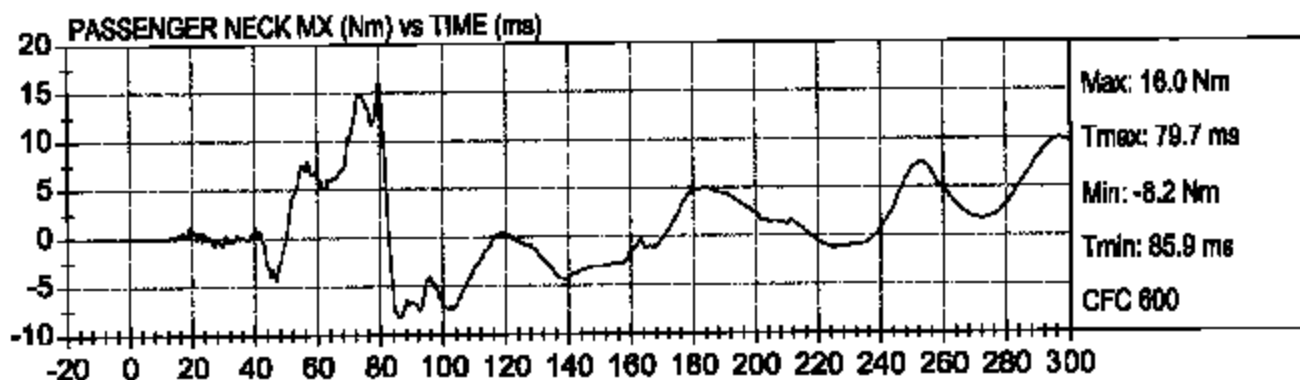
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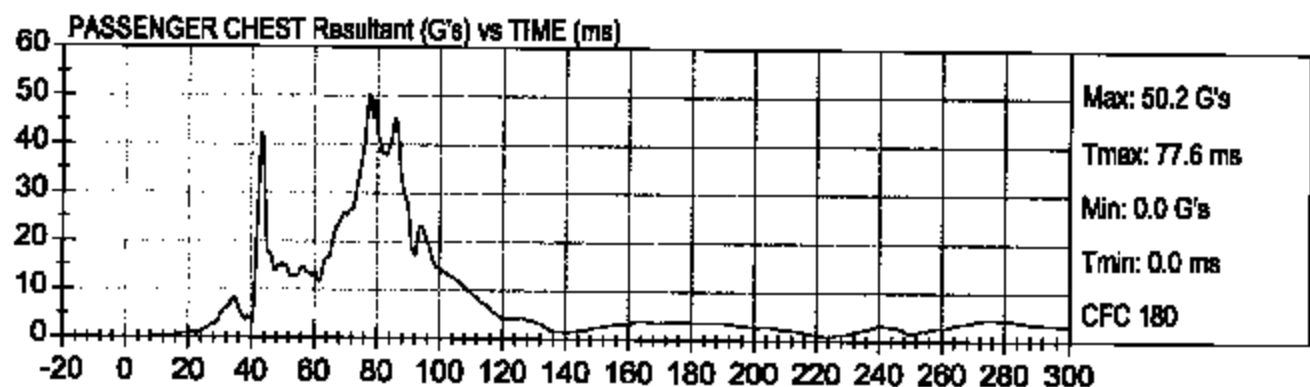
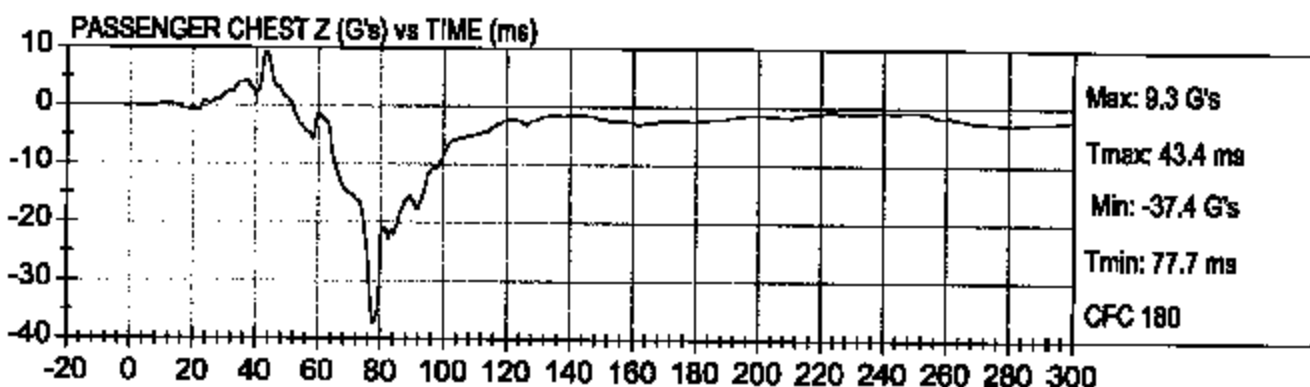
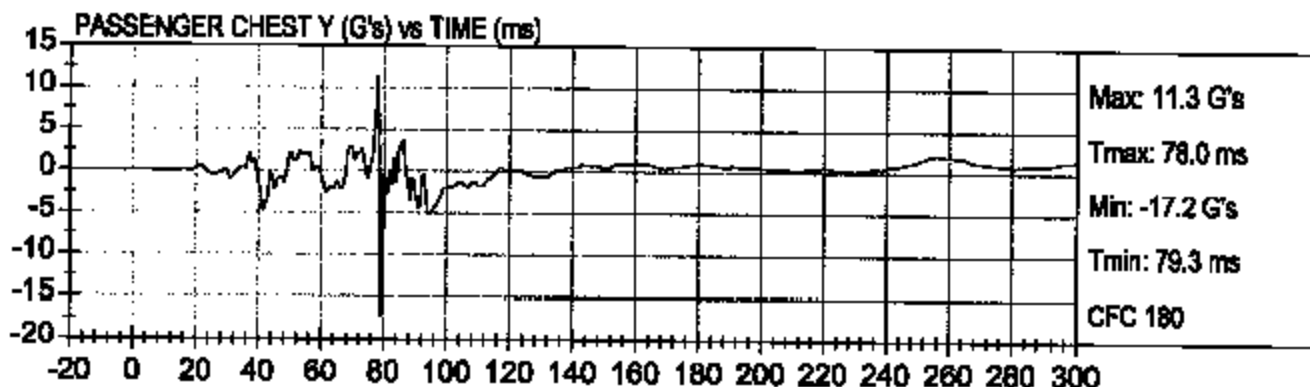
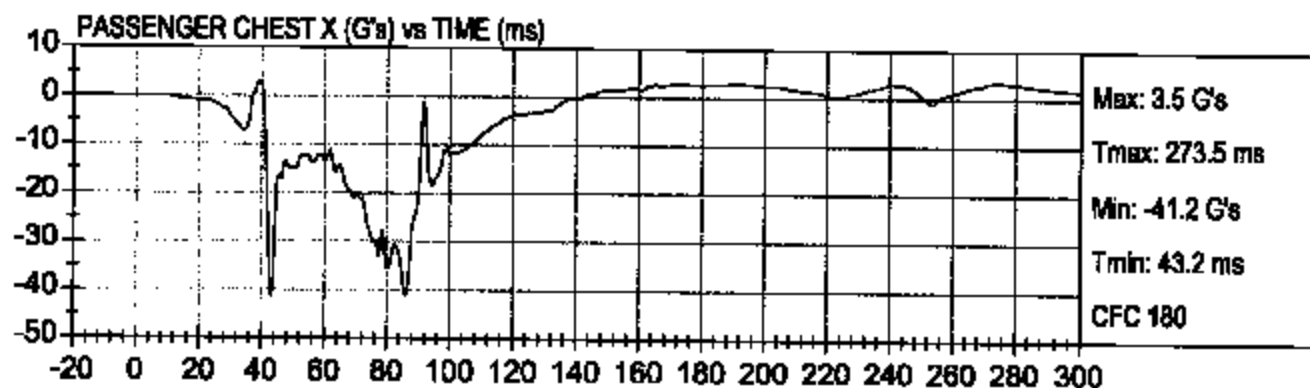
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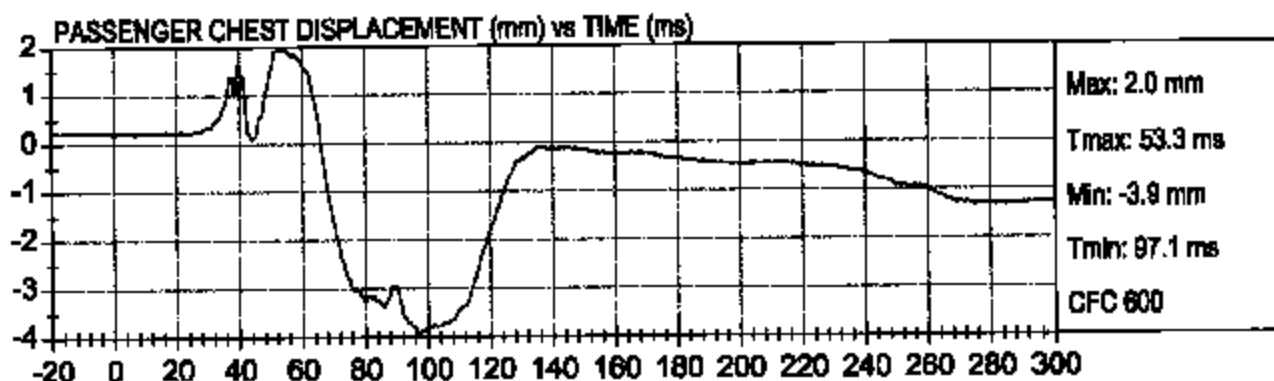
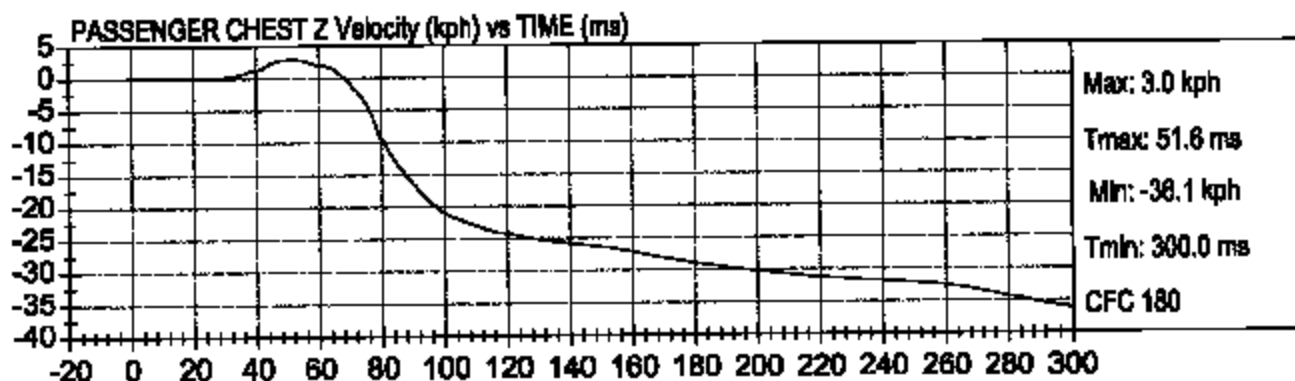
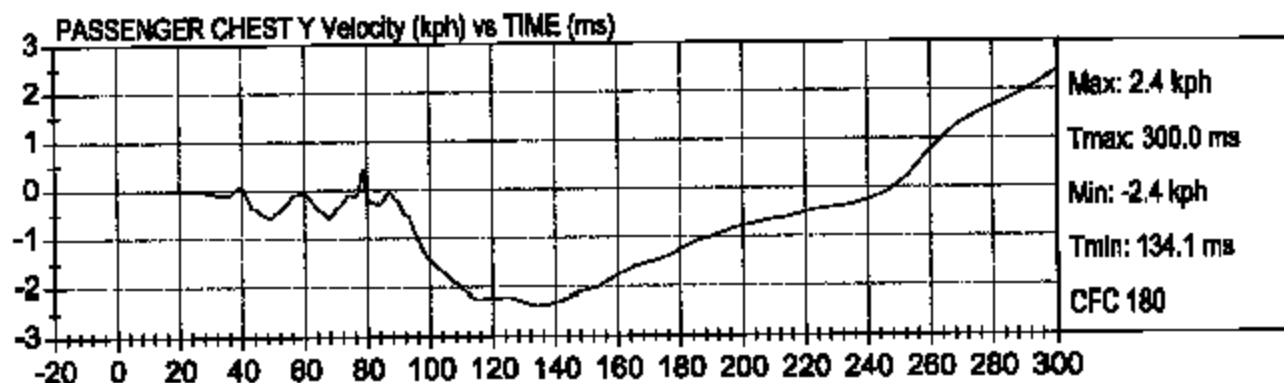
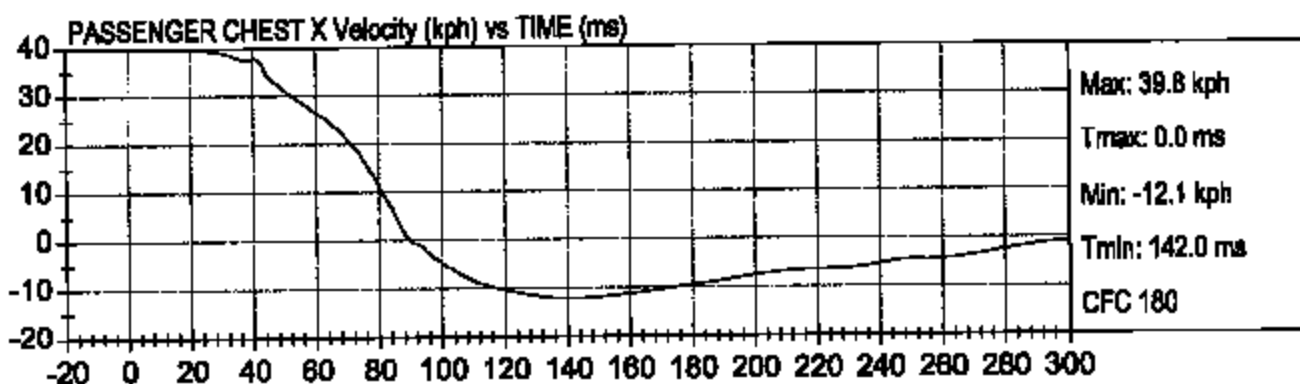
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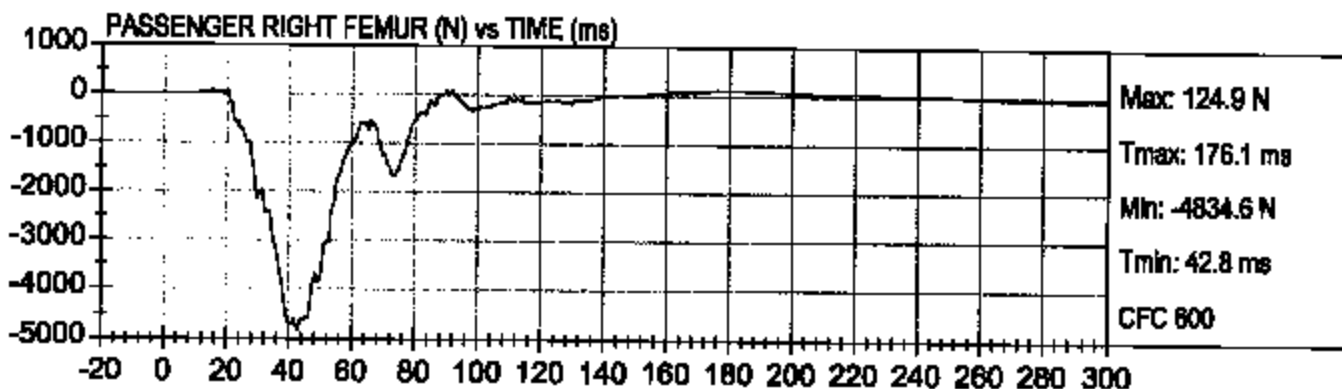
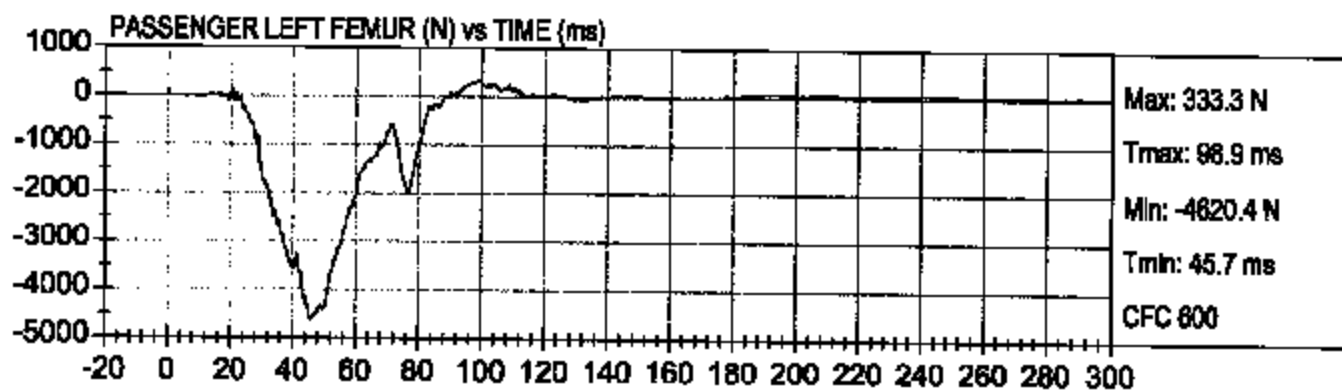
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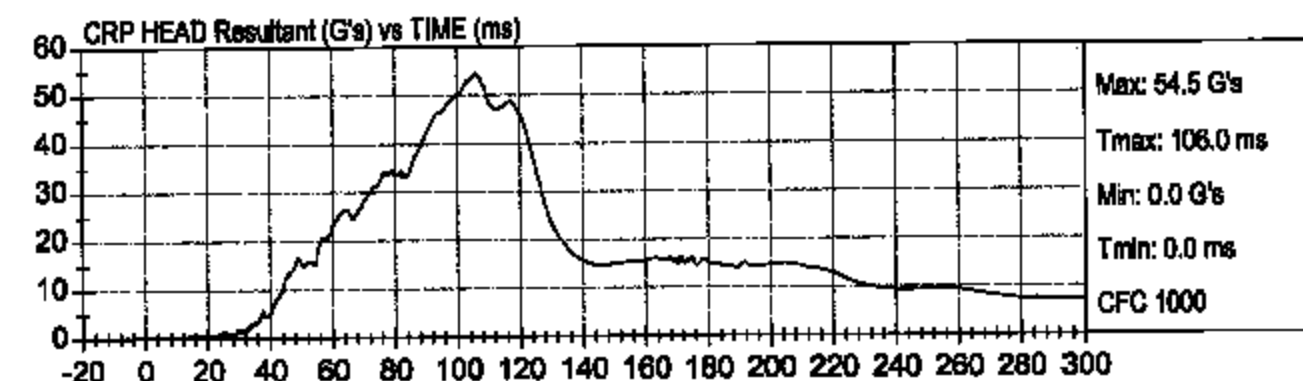
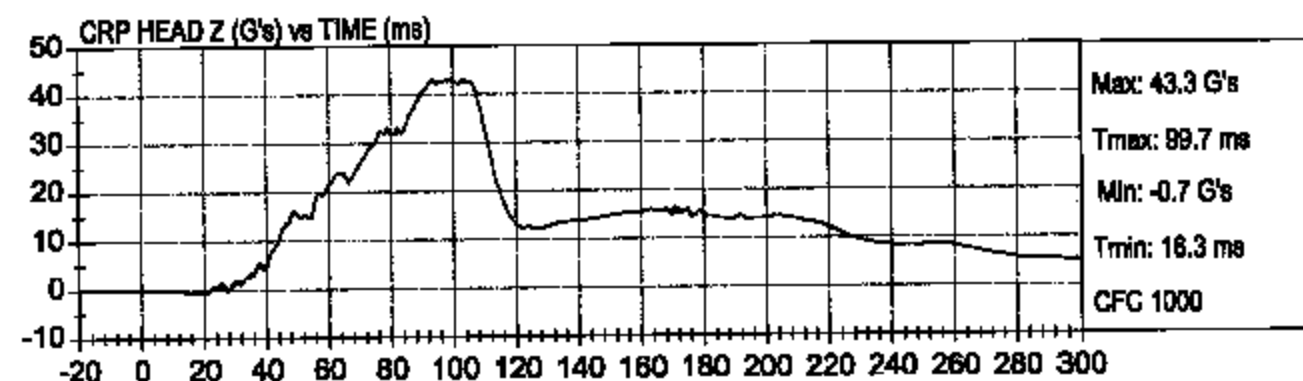
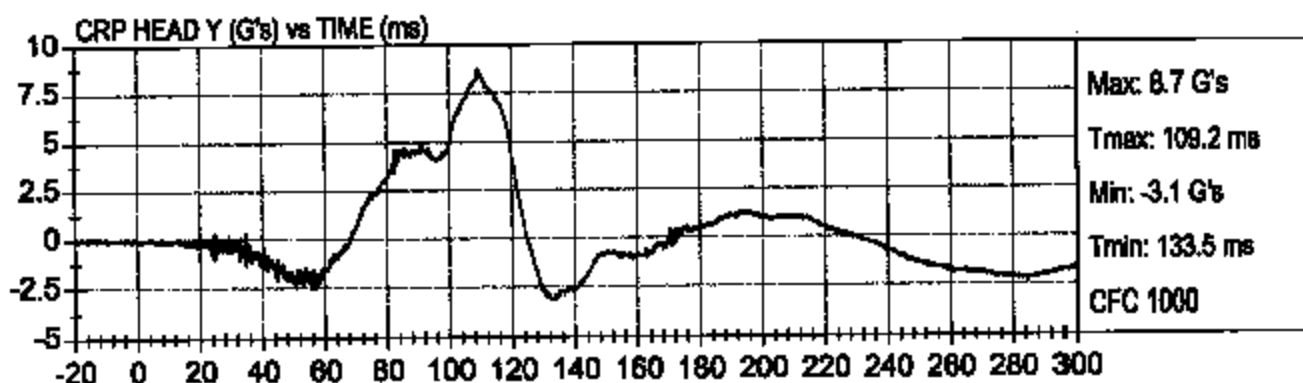
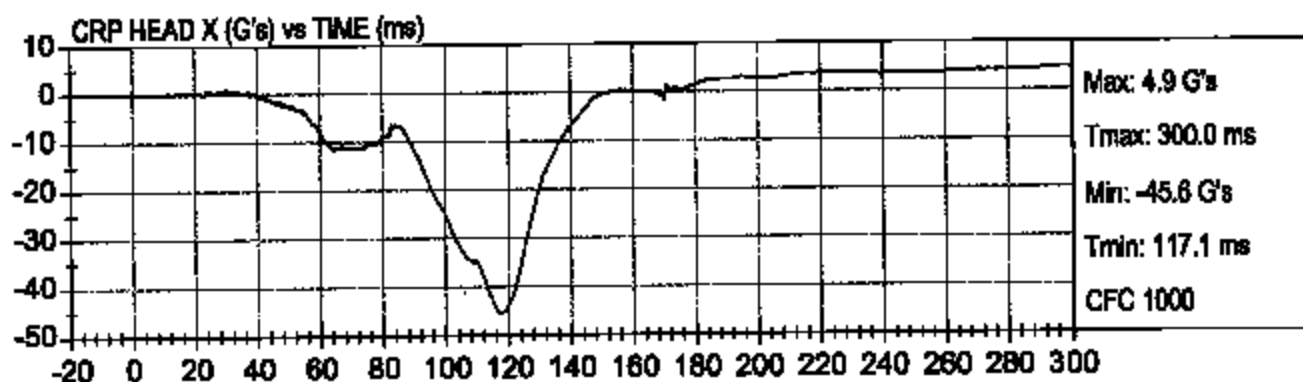
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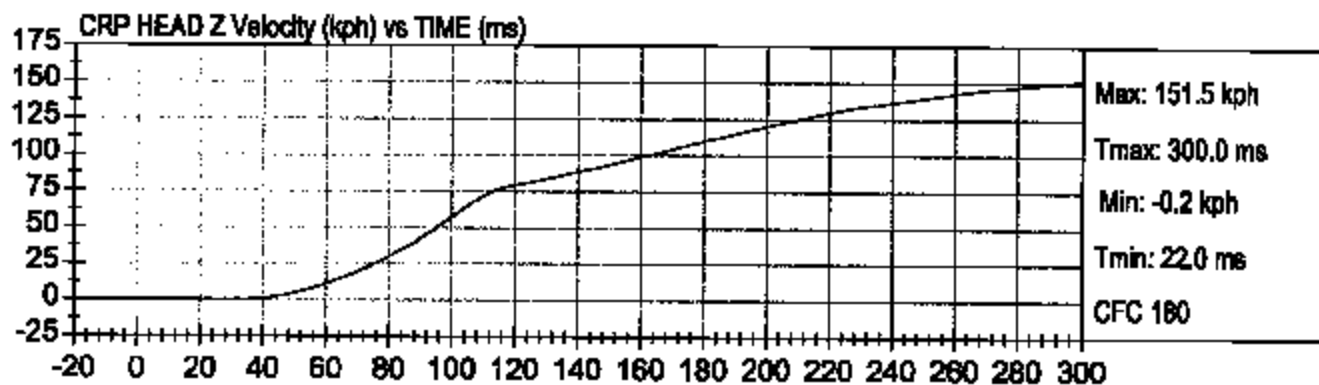
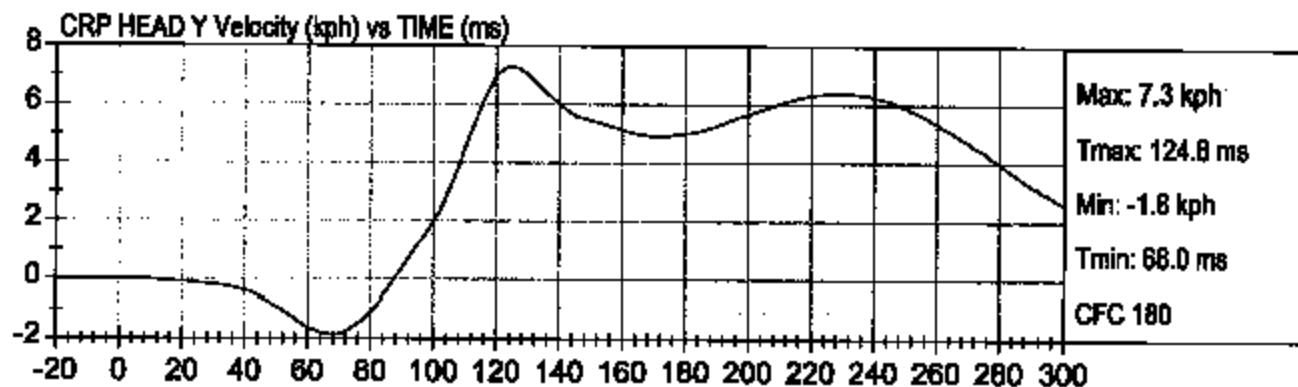
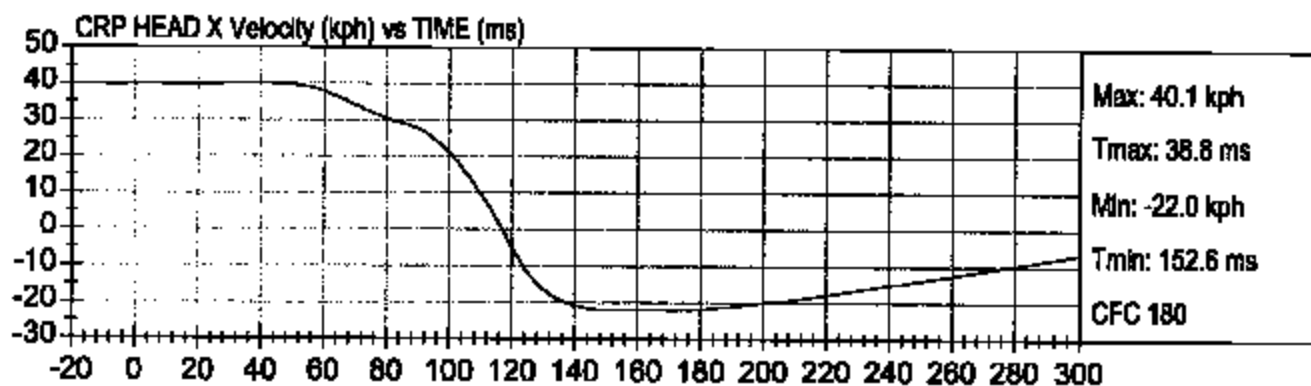
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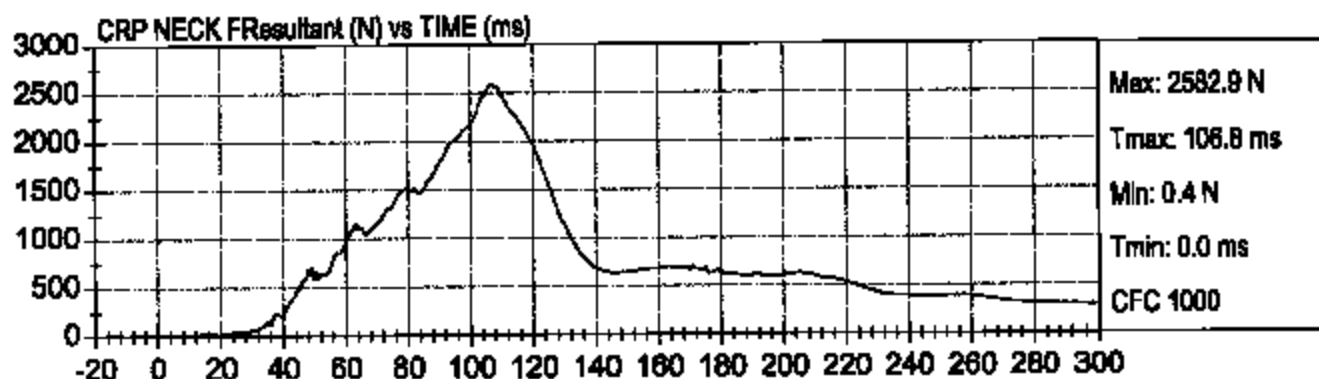
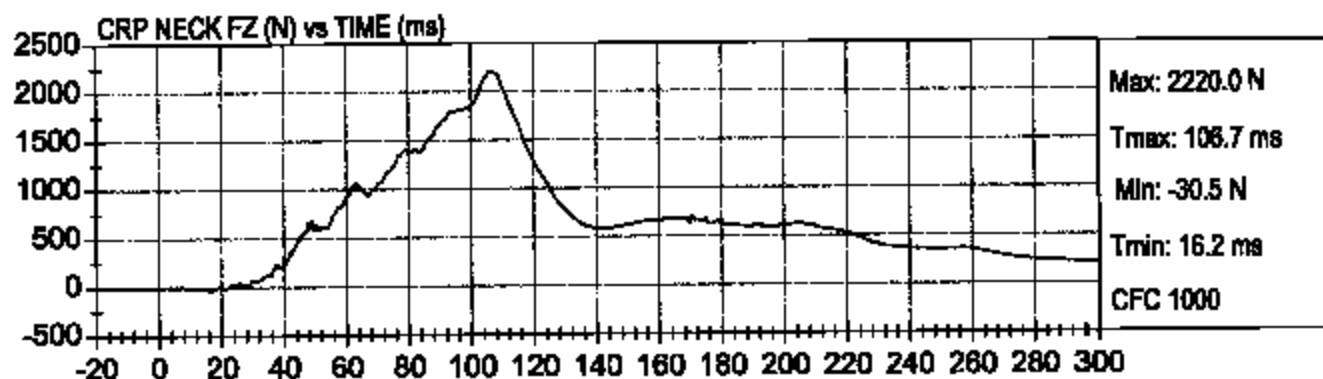
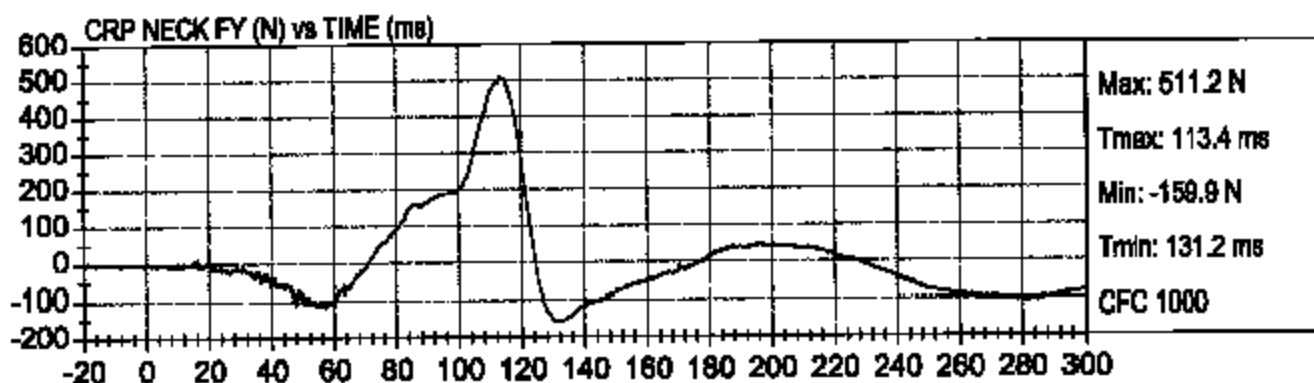
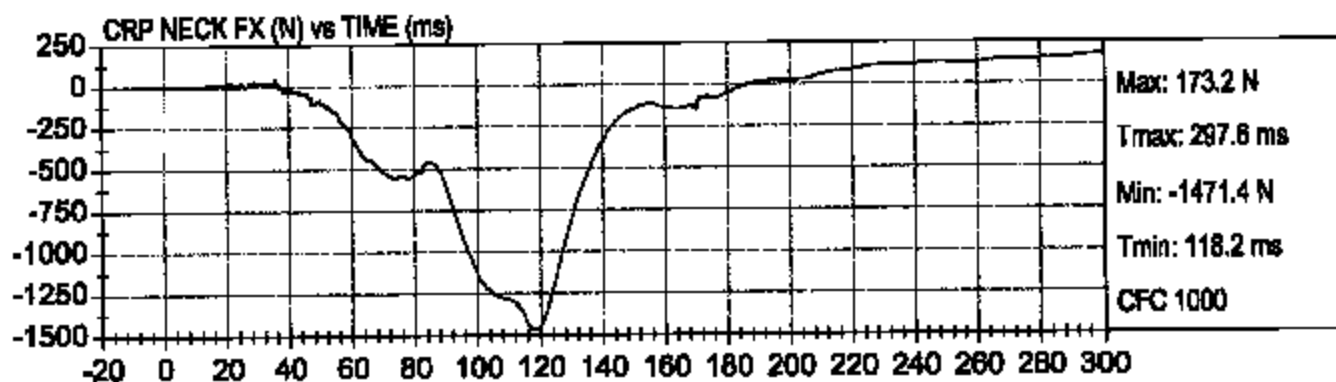
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

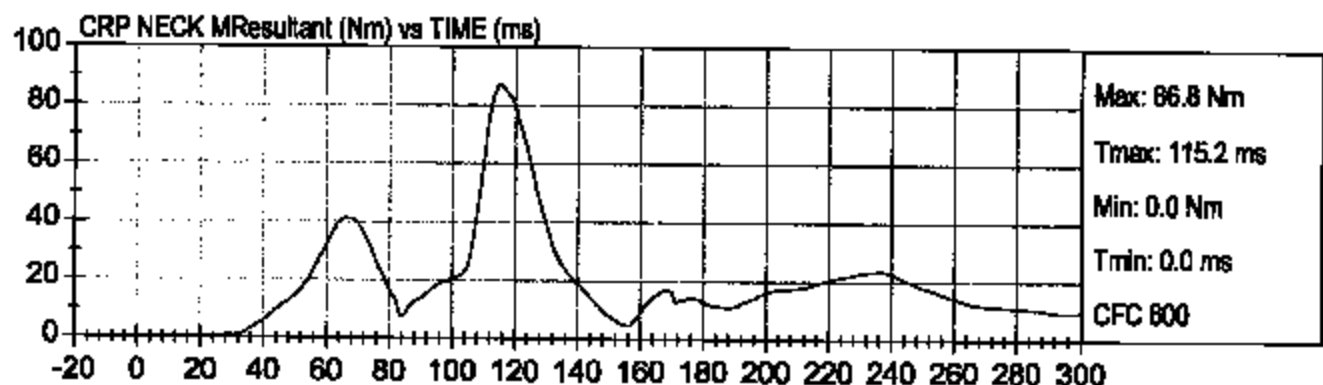
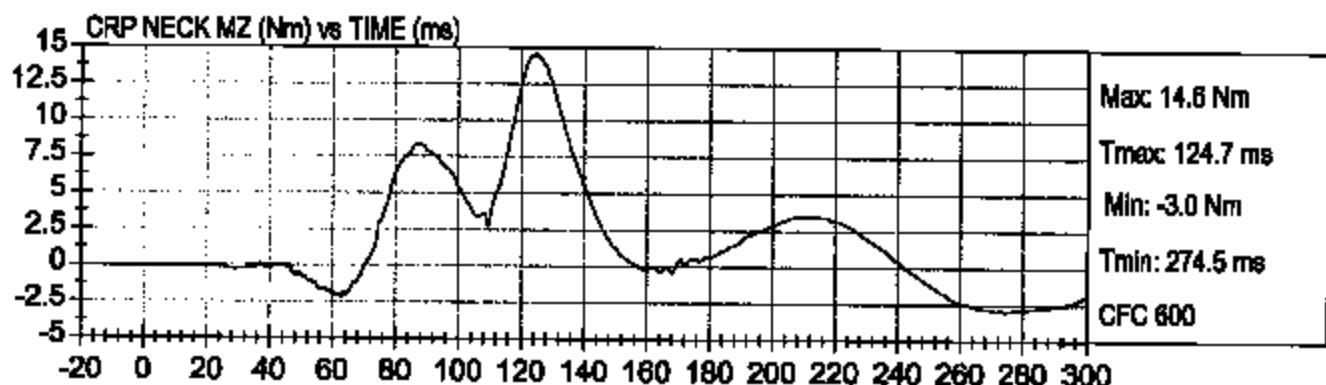
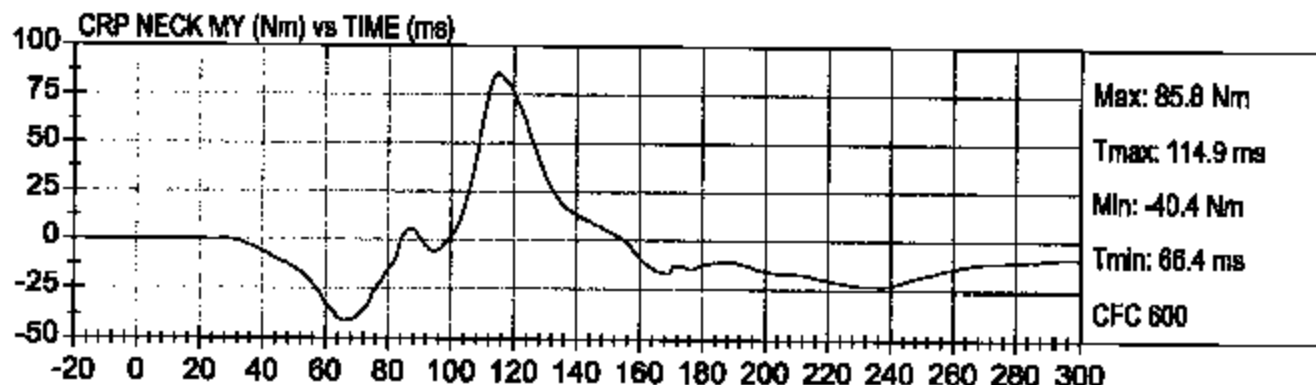
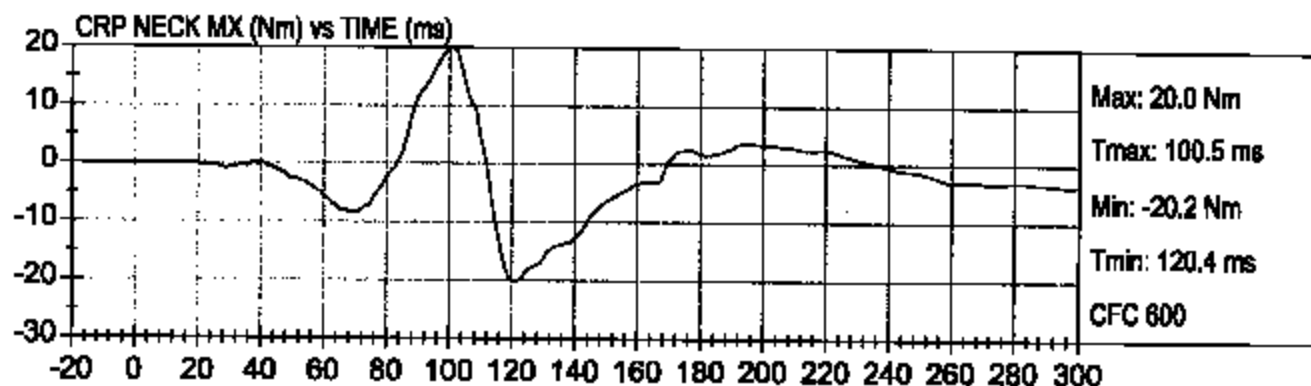
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

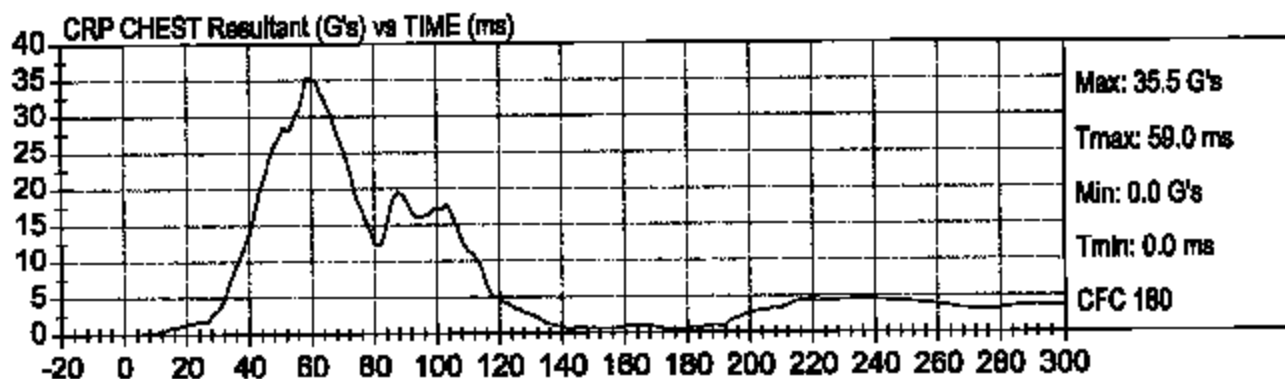
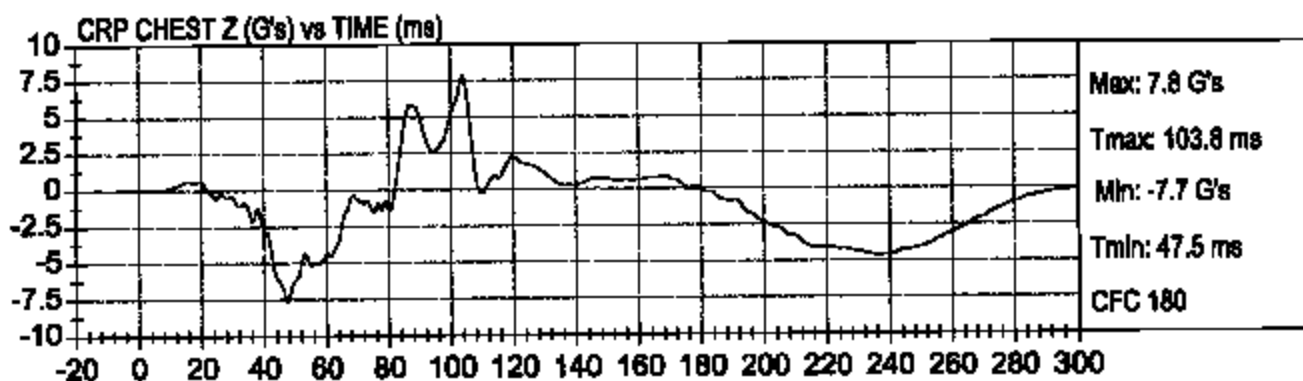
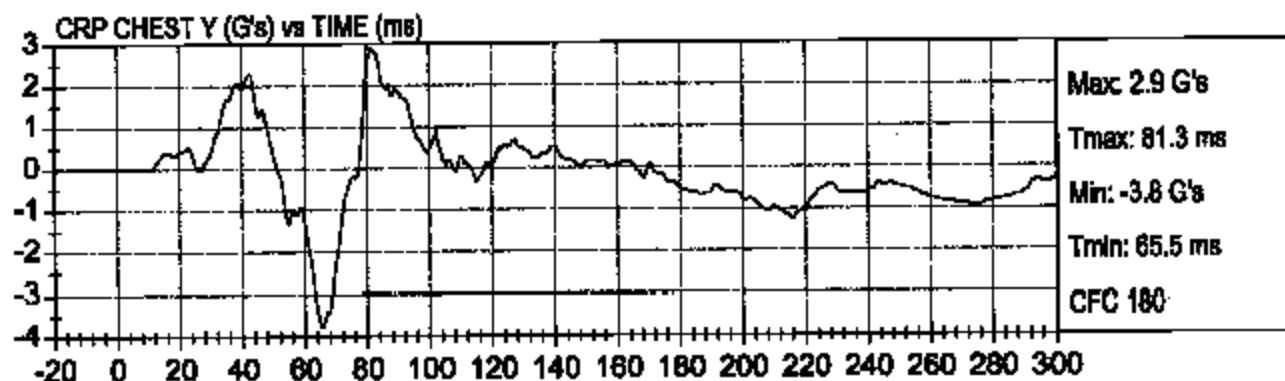
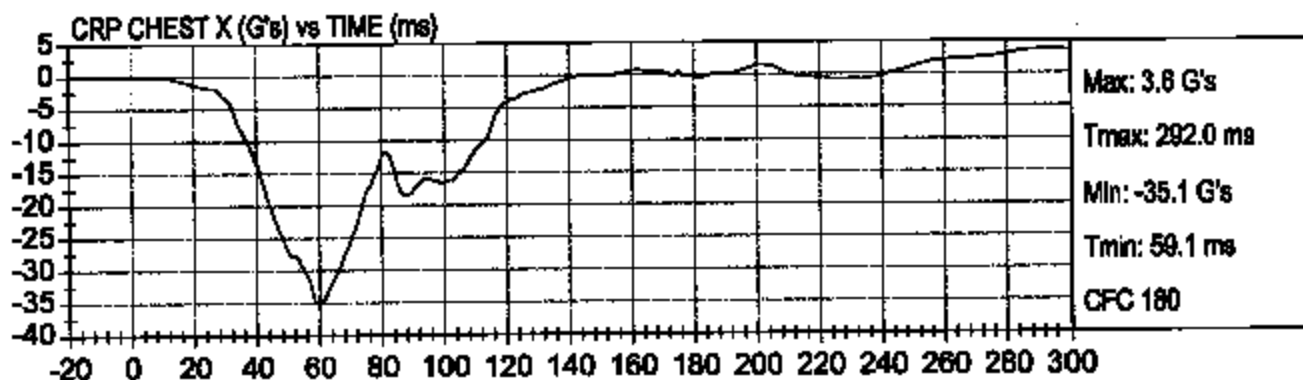
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Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

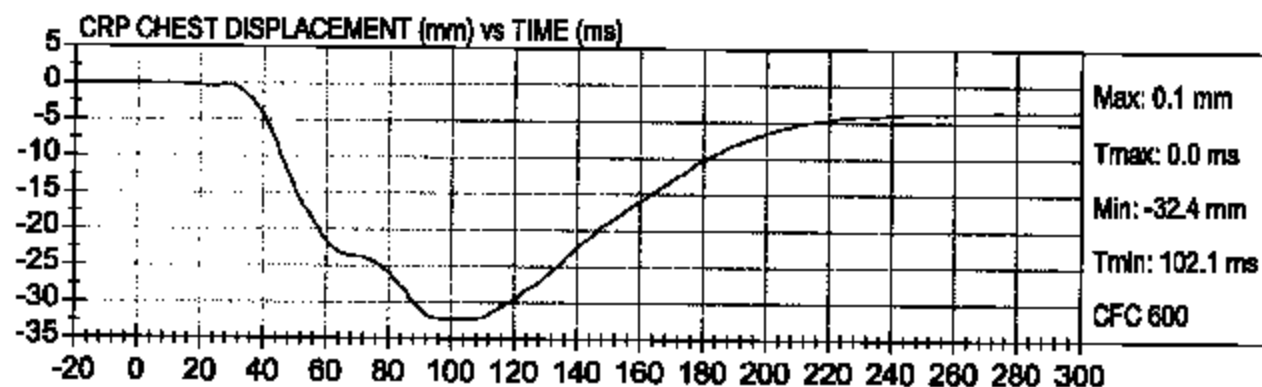
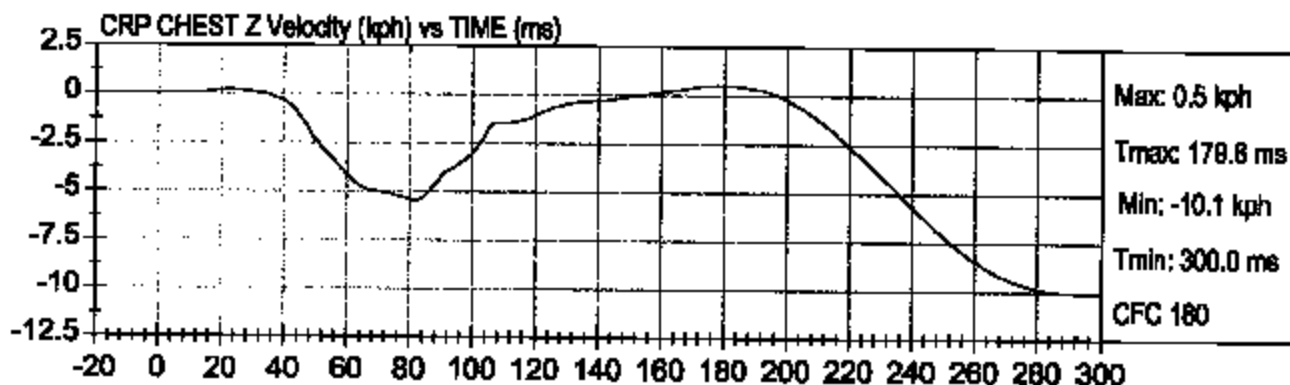
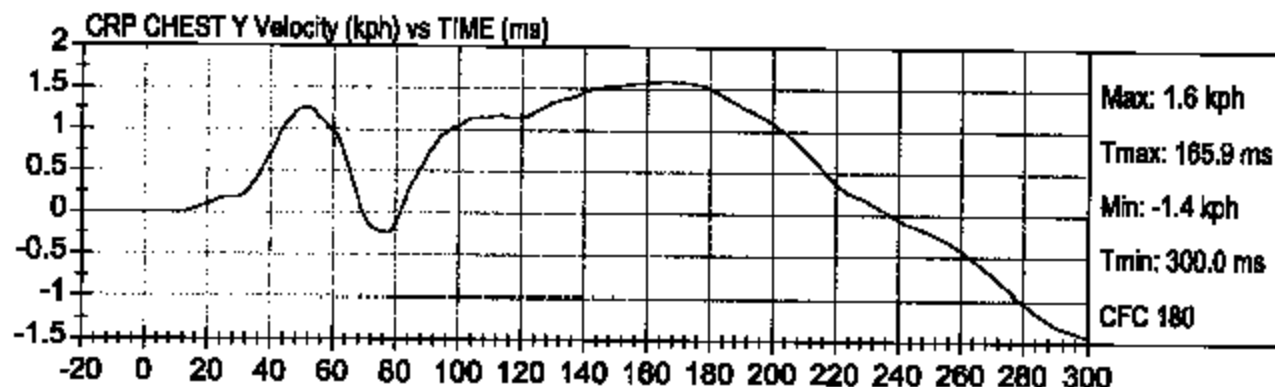
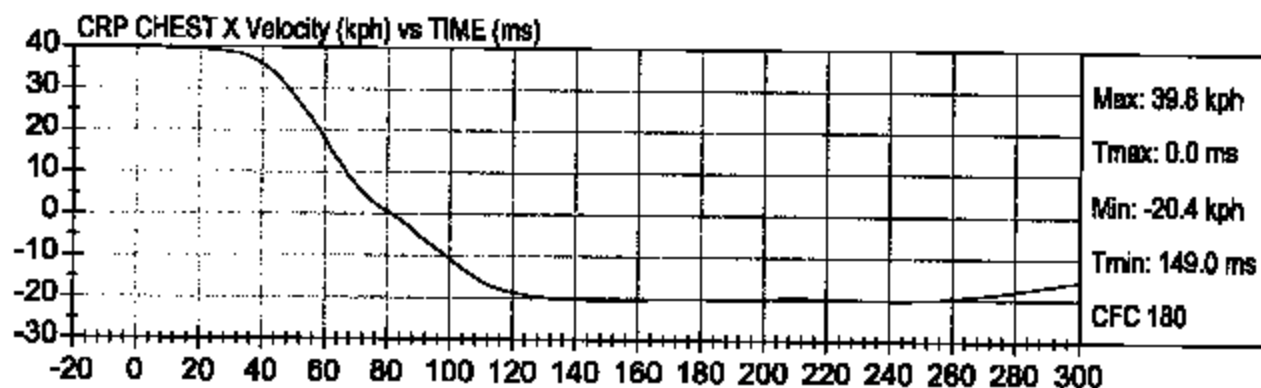
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Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

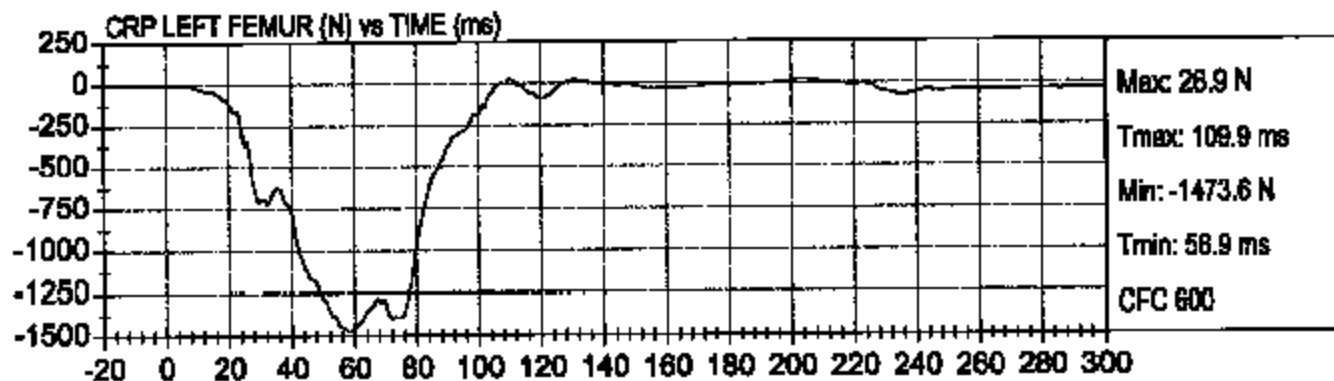
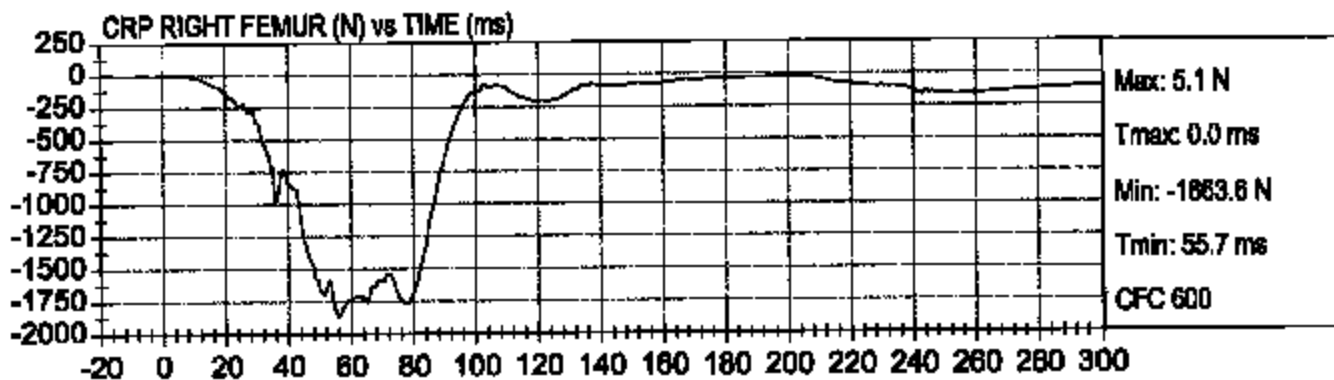
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

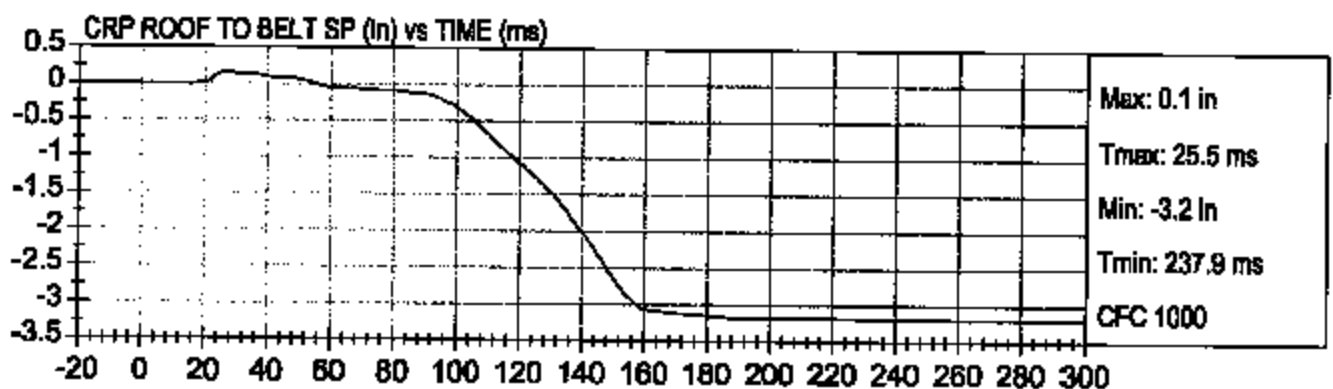
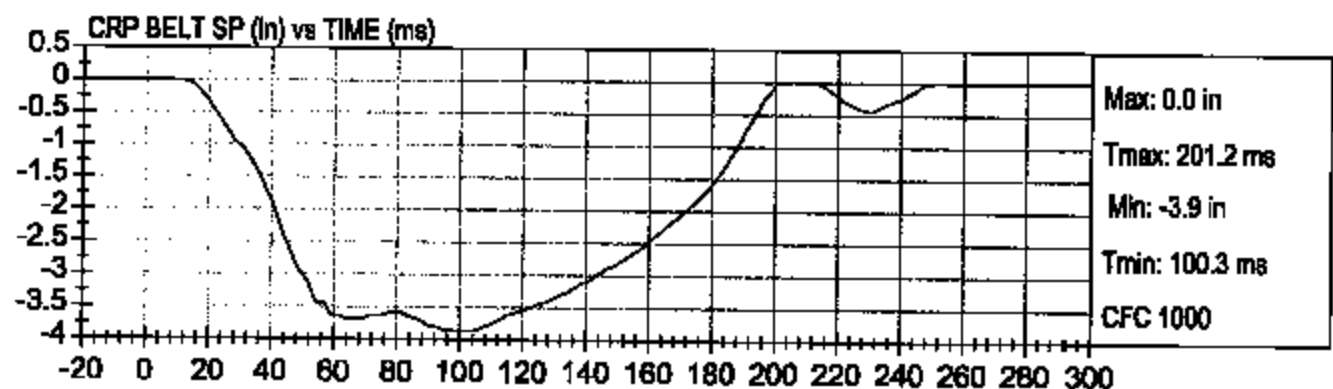
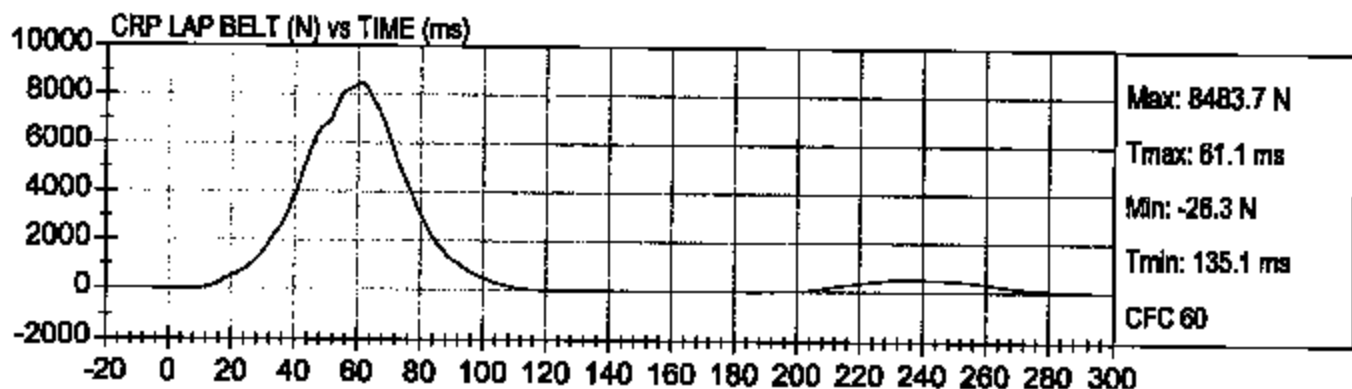
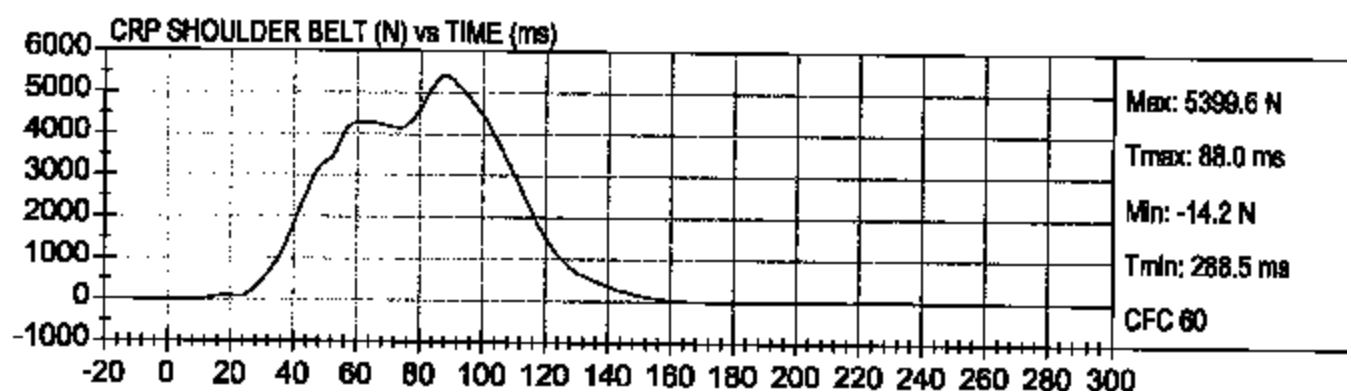
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

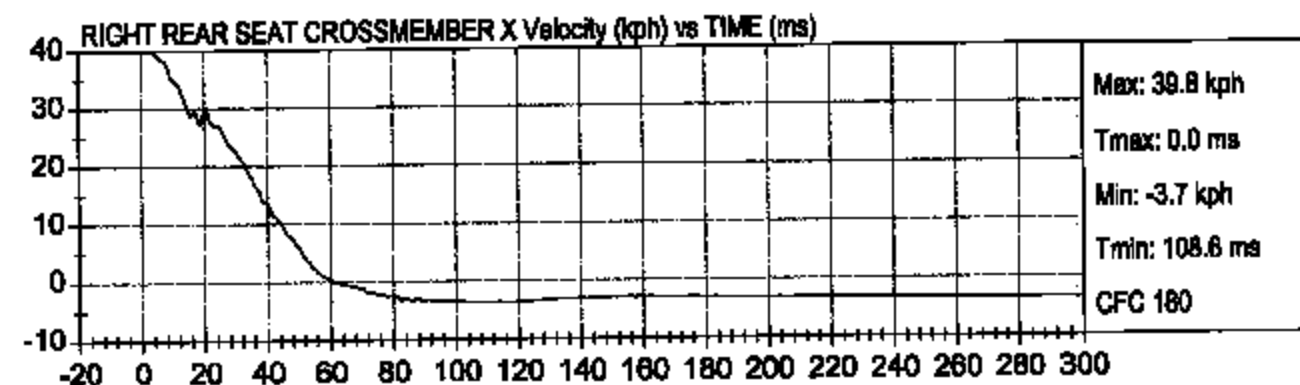
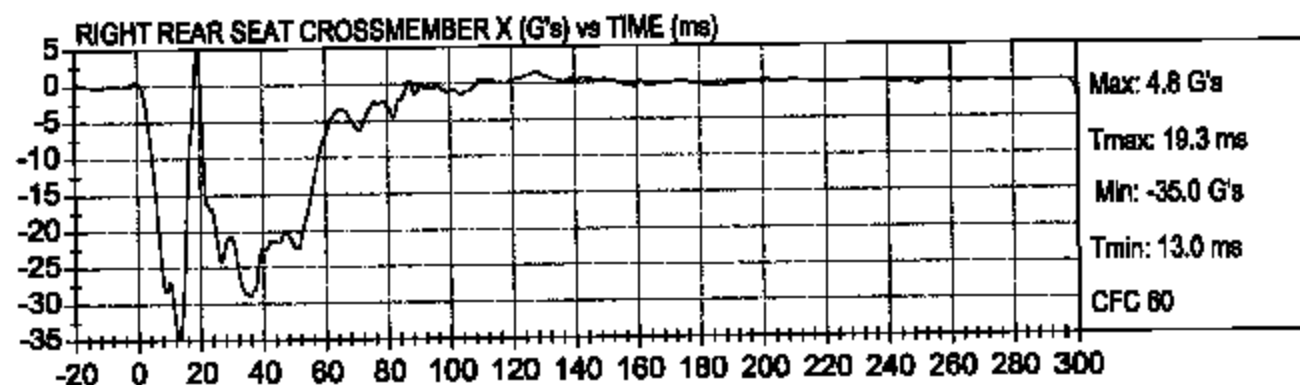
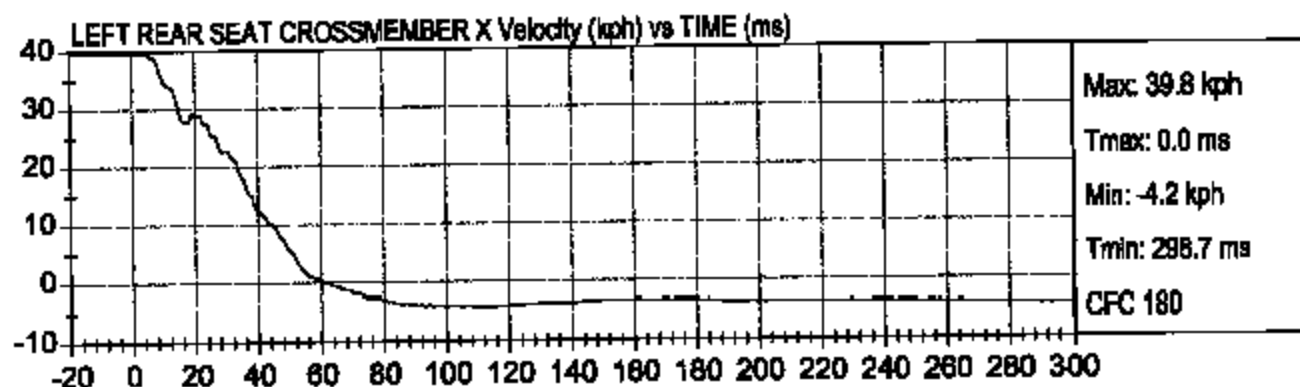
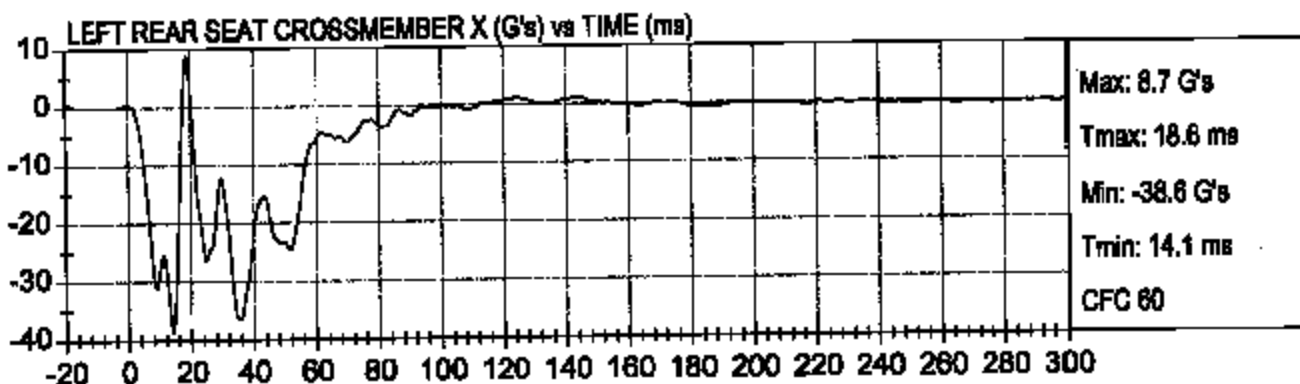
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

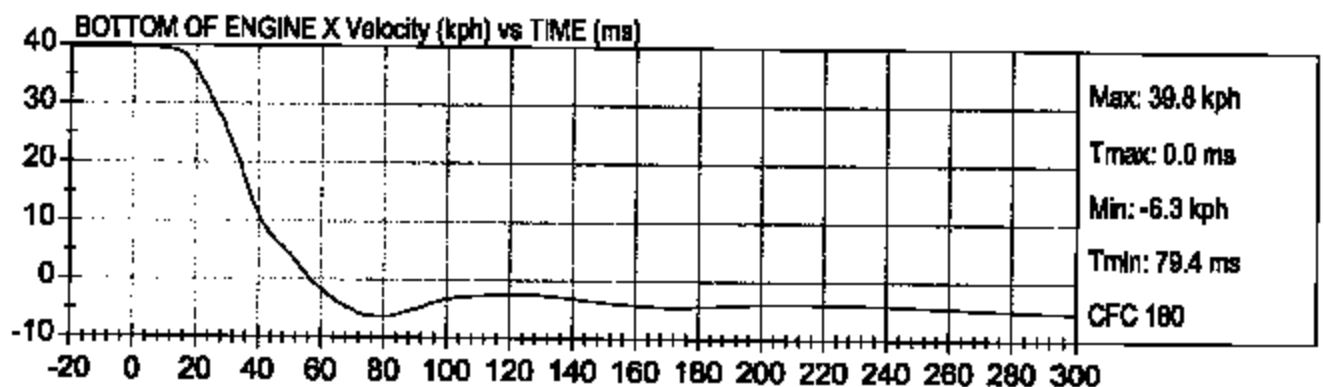
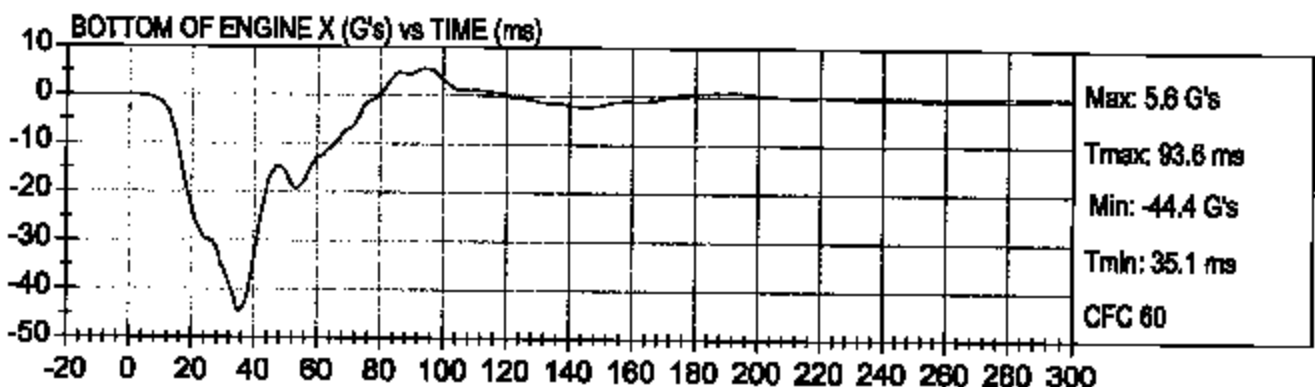
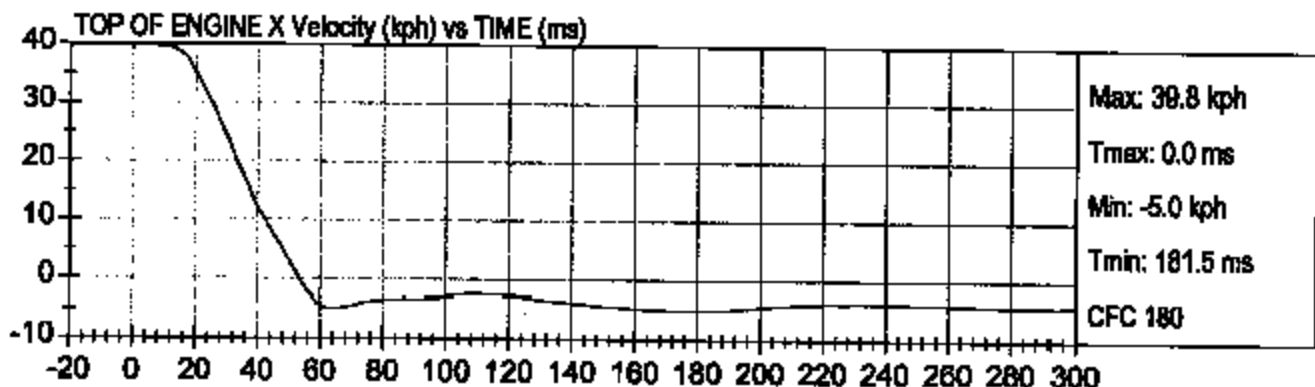
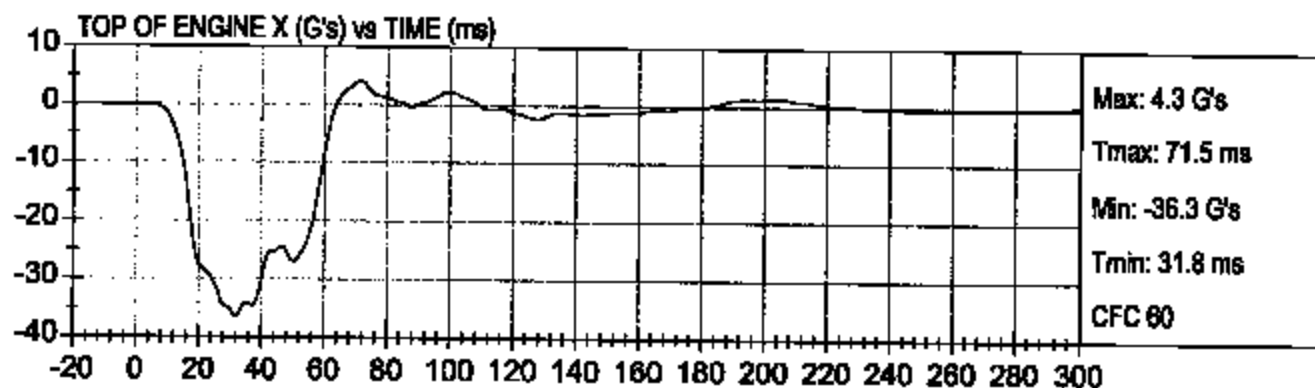
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

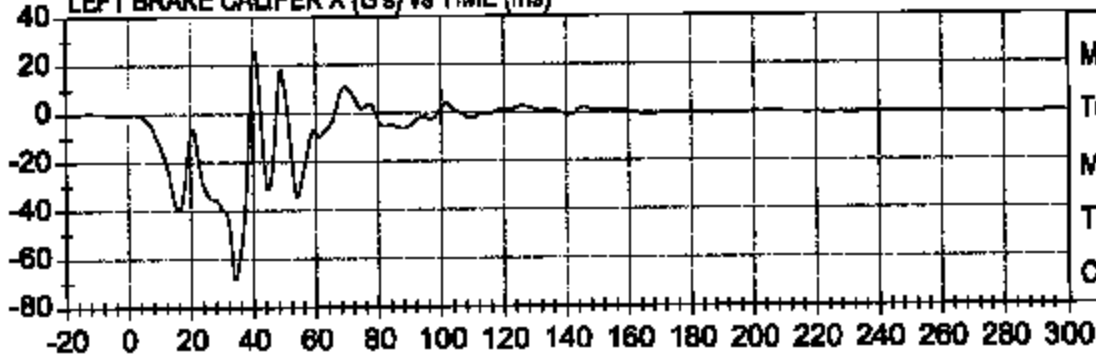




25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

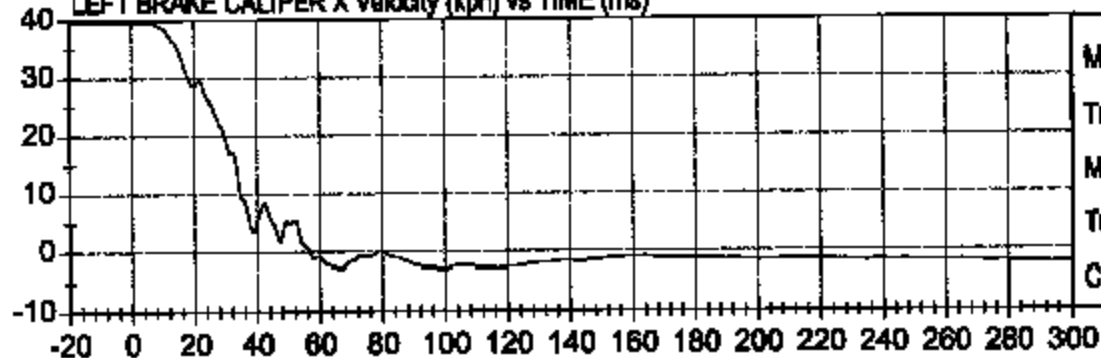
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Speed: 24.7 mph (39.8 km/h)

LEFT BRAKE CALIPER X (G's) vs TIME (ms)



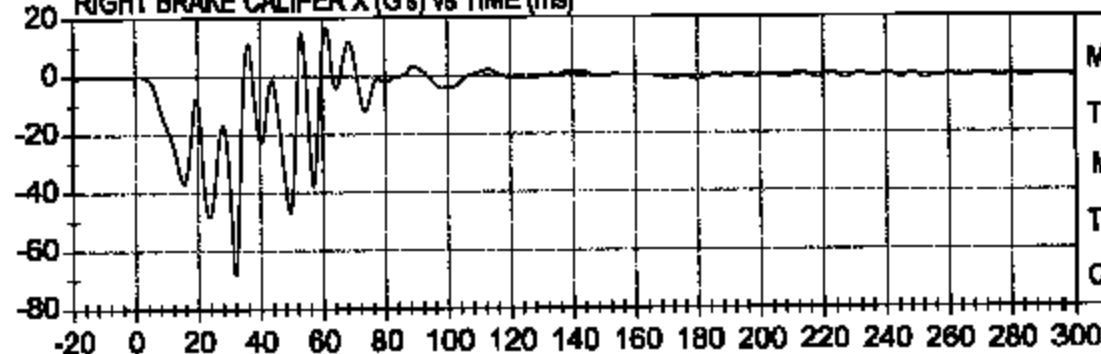
Max: 25.8 G's
Tmax: 40.5 ms
Min: -68.2 G's
Tmin: 34.2 ms
CFC 60

LEFT BRAKE CALIPER X Velocity (kph) vs TIME (ms)



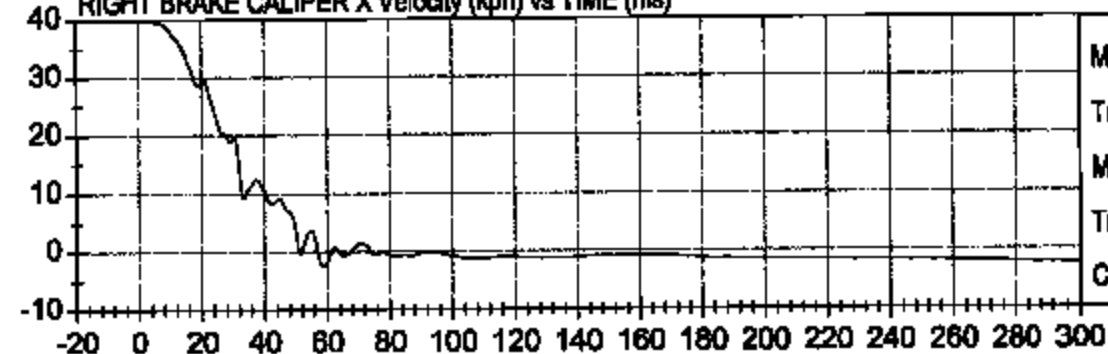
Max: 39.8 kph
Tmax: 0.0 ms
Min: -2.9 kph
Tmin: 99.5 ms
CFC 180

RIGHT BRAKE CALIPER X (G's) vs TIME (ms)



Max: 16.8 G's
Tmax: 81.0 ms
Min: -67.9 G's
Tmin: 31.9 ms
CFC 60

RIGHT BRAKE CALIPER X Velocity (kph) vs TIME (ms)

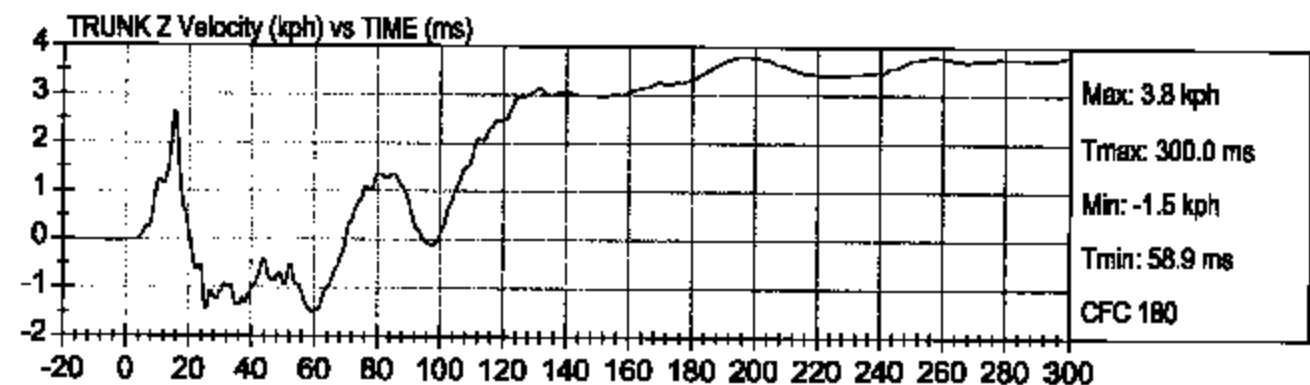
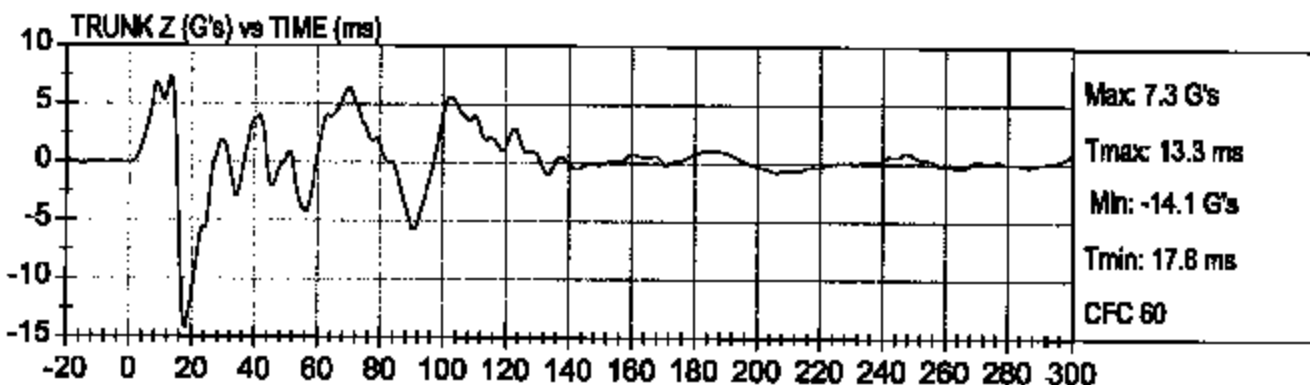
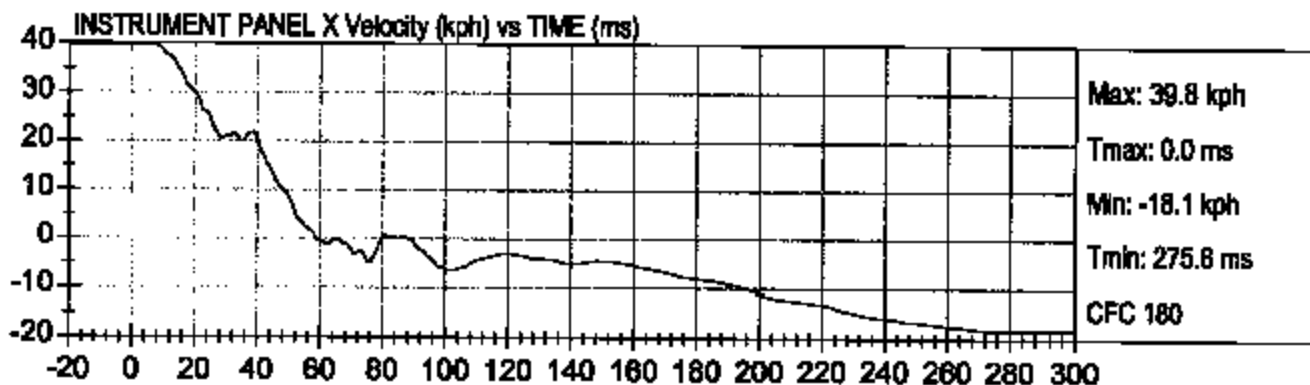
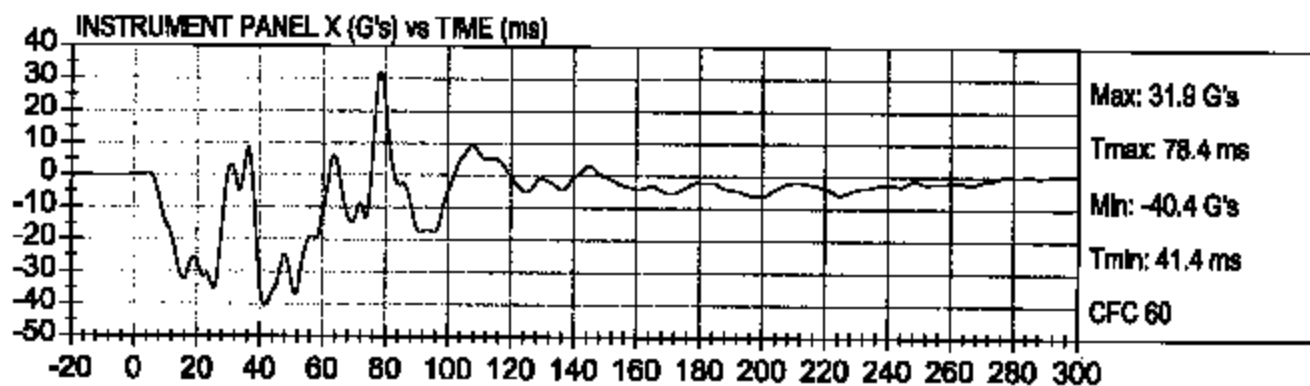


Max: 39.8 kph
Tmax: 0.0 ms
Min: -2.5 kph
Tmin: 58.7 ms
CFC 180



25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

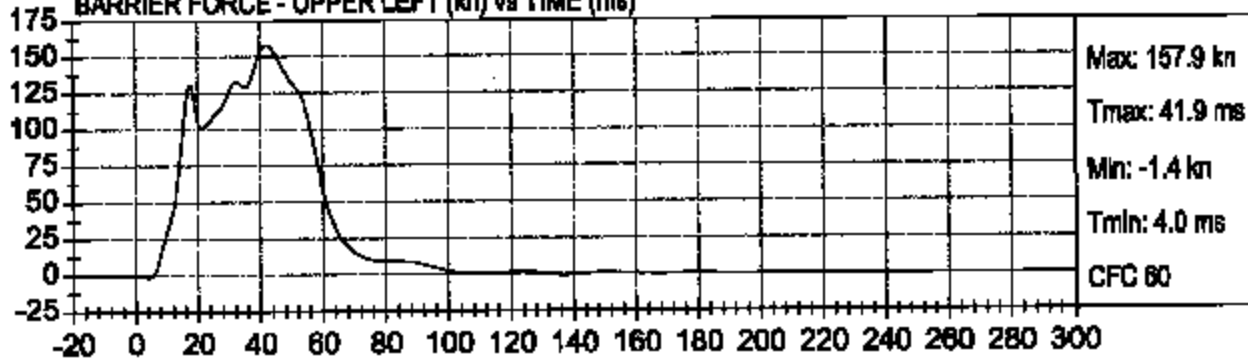




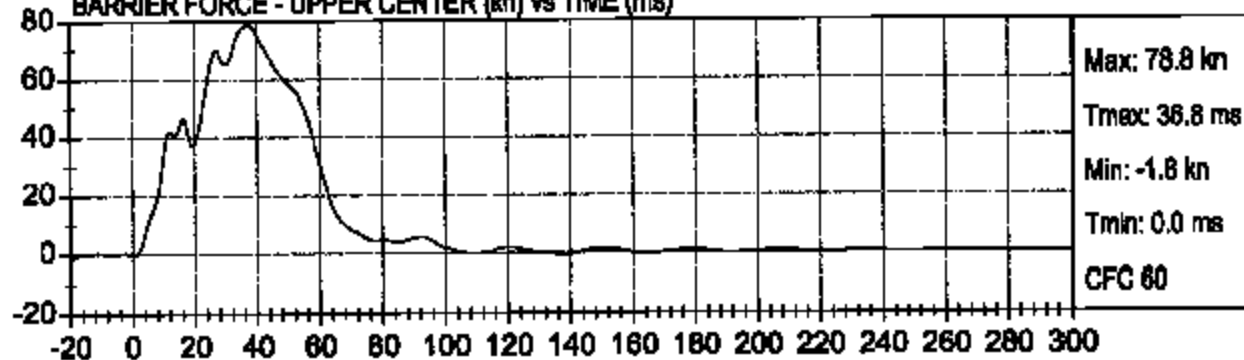
25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

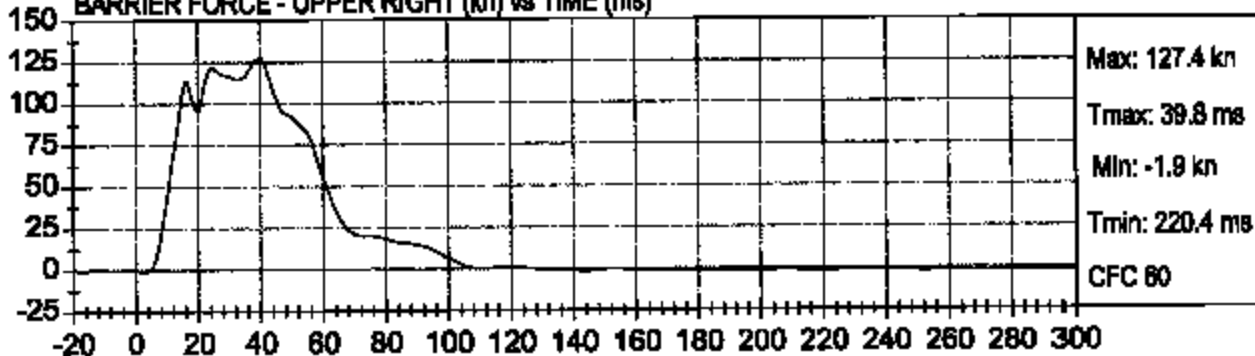
BARRIER FORCE - UPPER LEFT (kn) vs TIME (ms)



BARRIER FORCE - UPPER CENTER (kn) vs TIME (ms)



BARRIER FORCE - UPPER RIGHT (kn) vs TIME (ms)

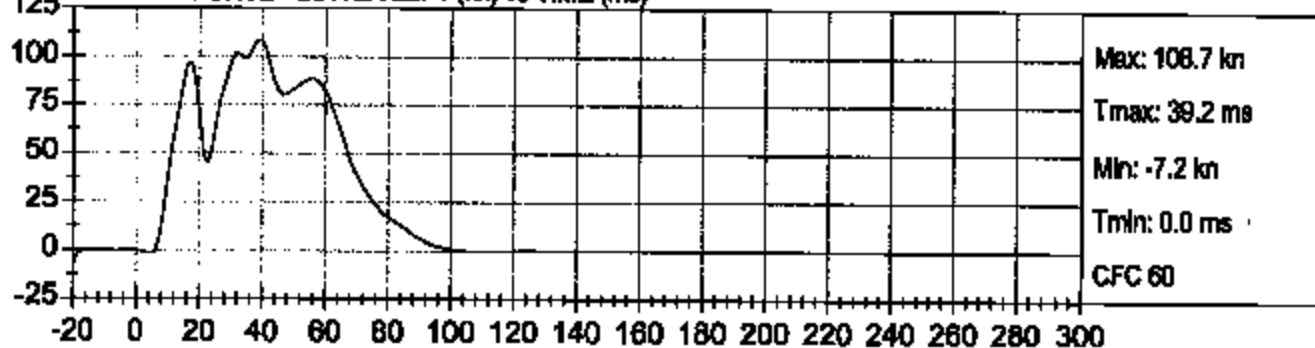




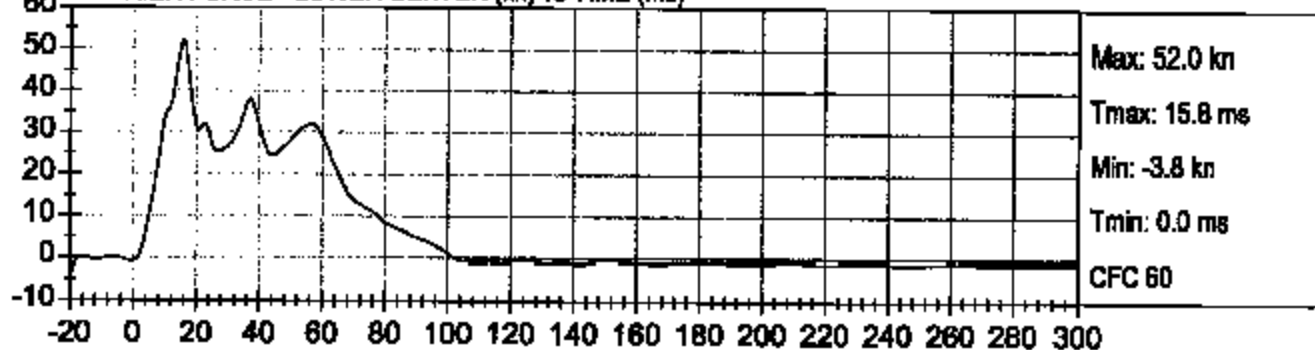
25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

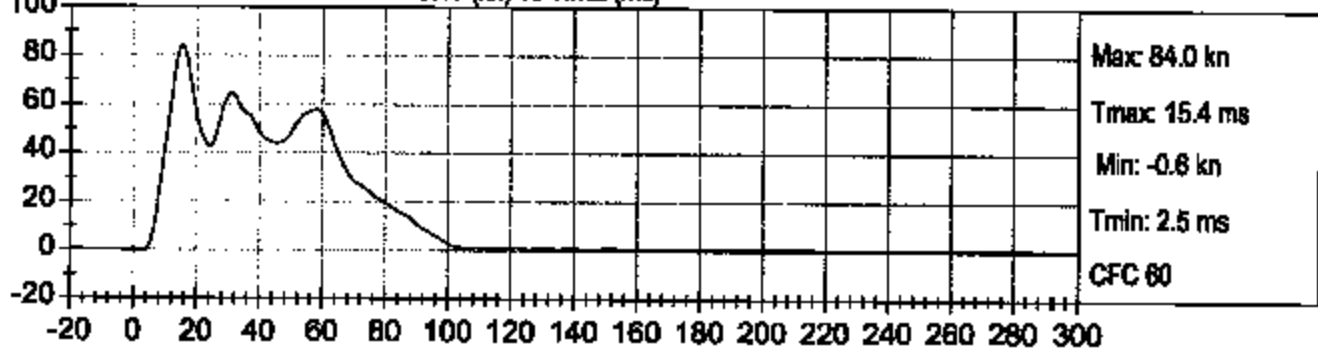
BARRIER FORCE - LOWER LEFT (kn) vs TIME (ms)



BARRIER FORCE - LOWER CENTER (kn) vs TIME (ms)



BARRIER FORCE - LOWER RIGHT (kn) vs TIME (ms)

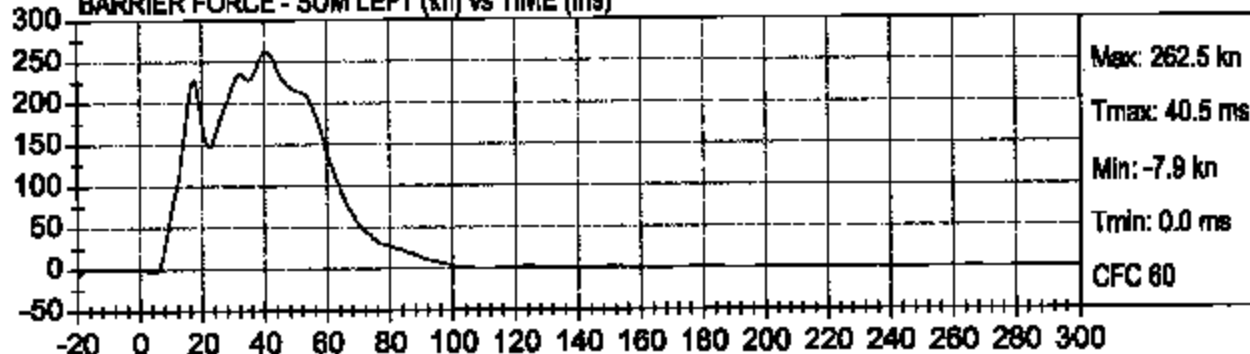




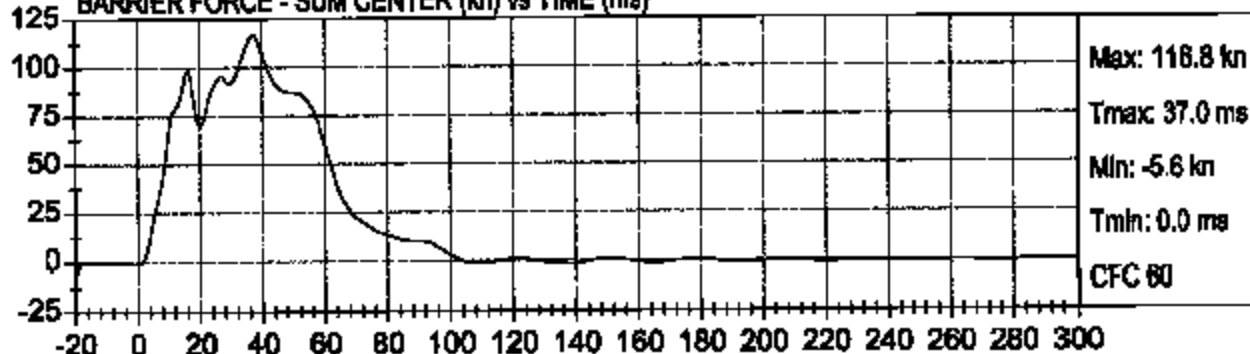
25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

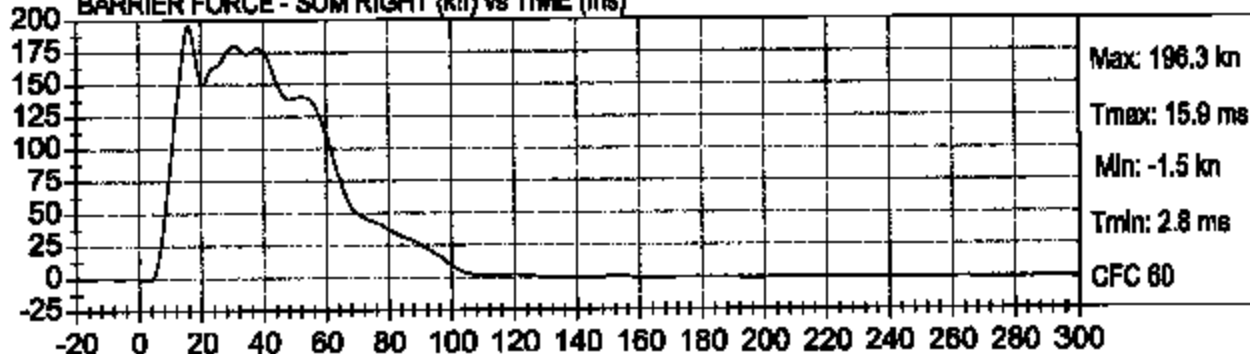
BARRIER FORCE - SUM LEFT (kn) vs TIME (ms)



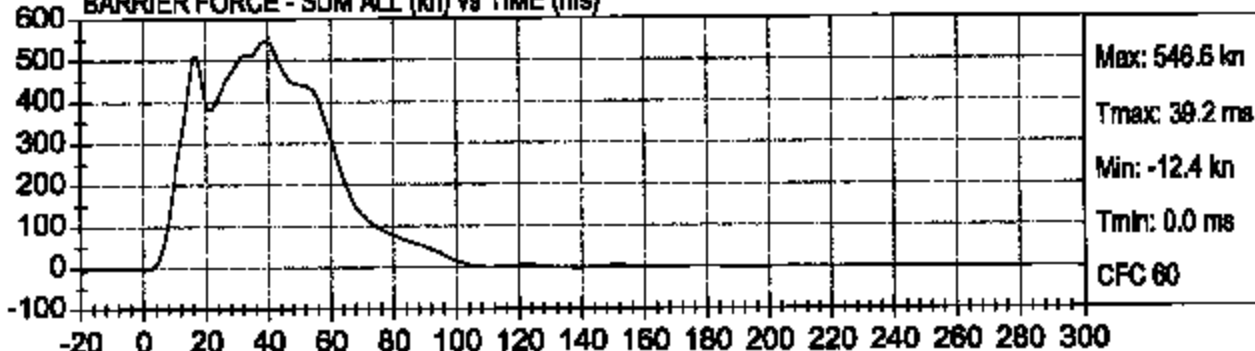
BARRIER FORCE - SUM CENTER (kn) vs TIME (ms)



BARRIER FORCE - SUM RIGHT (kn) vs TIME (ms)



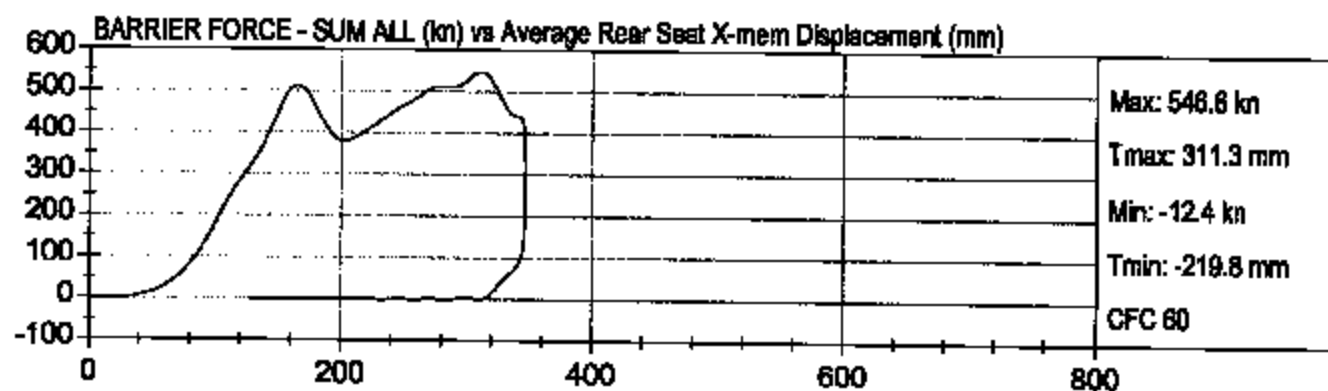
BARRIER FORCE - SUM ALL (kn) vs TIME (ms)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)



APPENDIX B
LOW RISK TEST DATA

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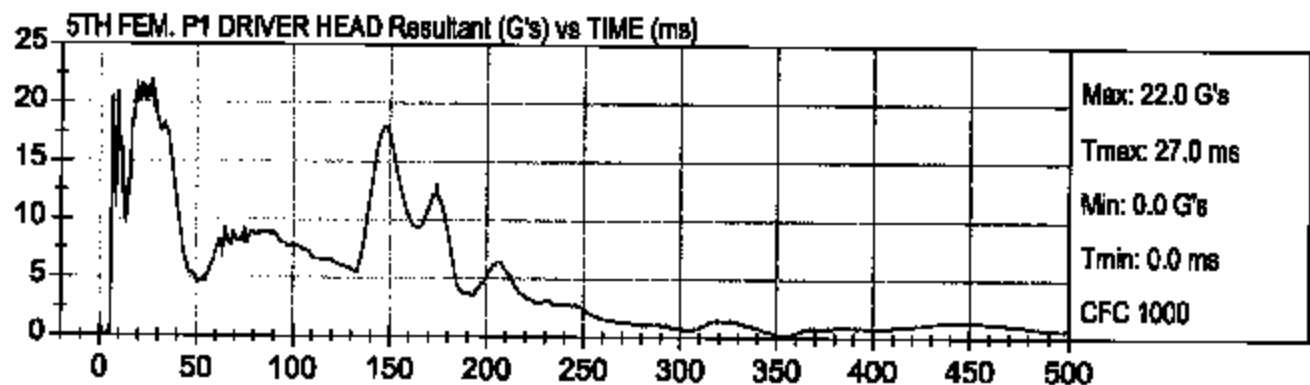
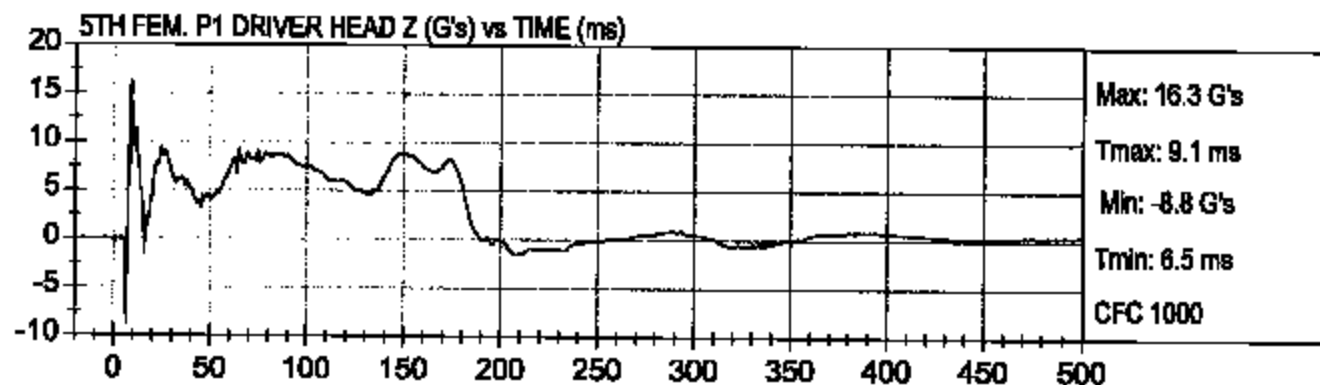
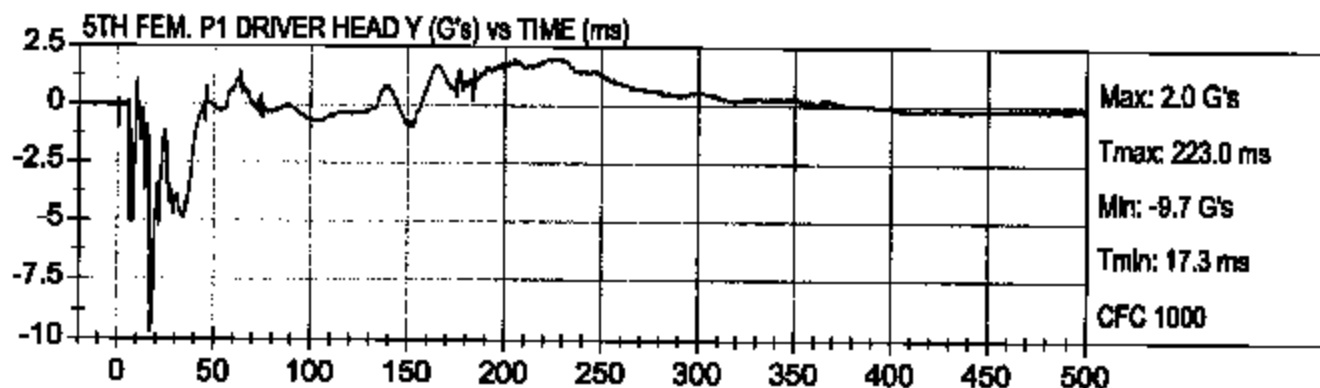
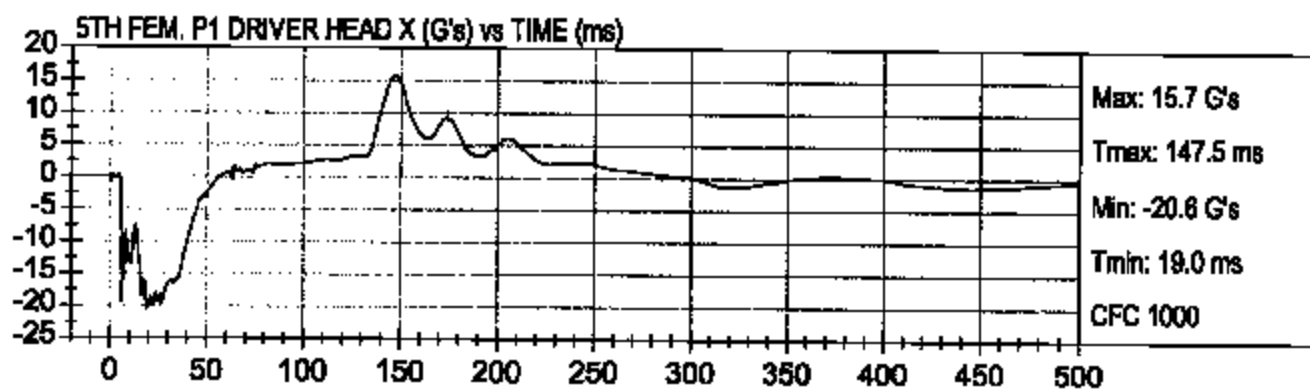
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Figure No. 3.	5 th Fem. P1 Driver Head Z Acceleration vs. Time	B-1
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LOW RISK DEPLOYMENT
JEEP LIBERTY

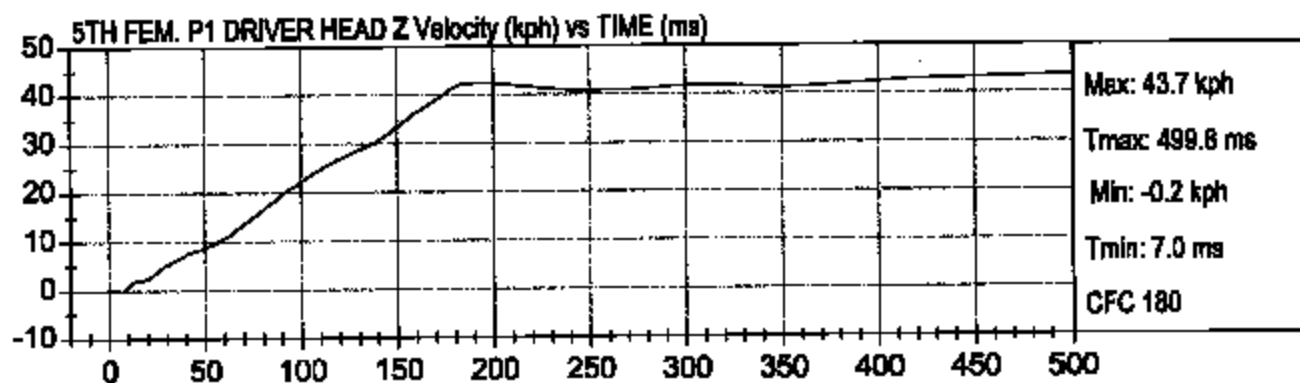
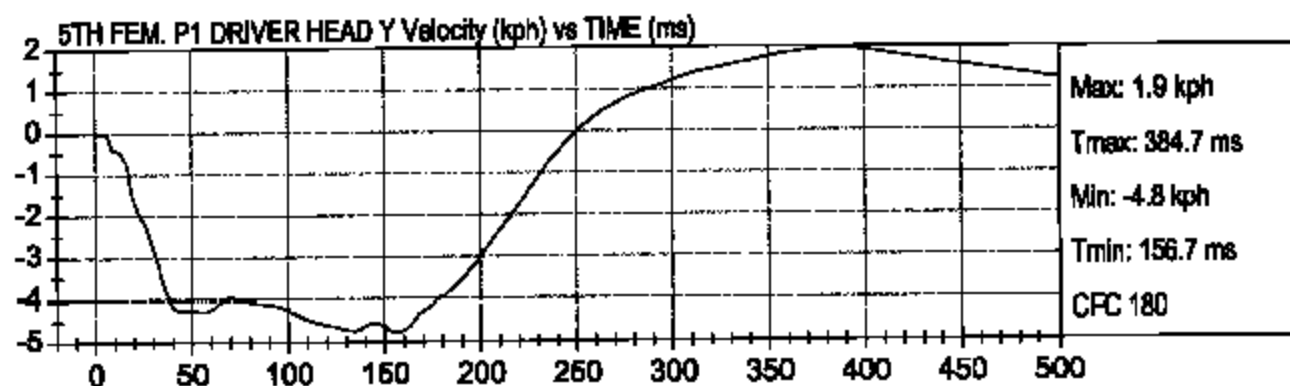
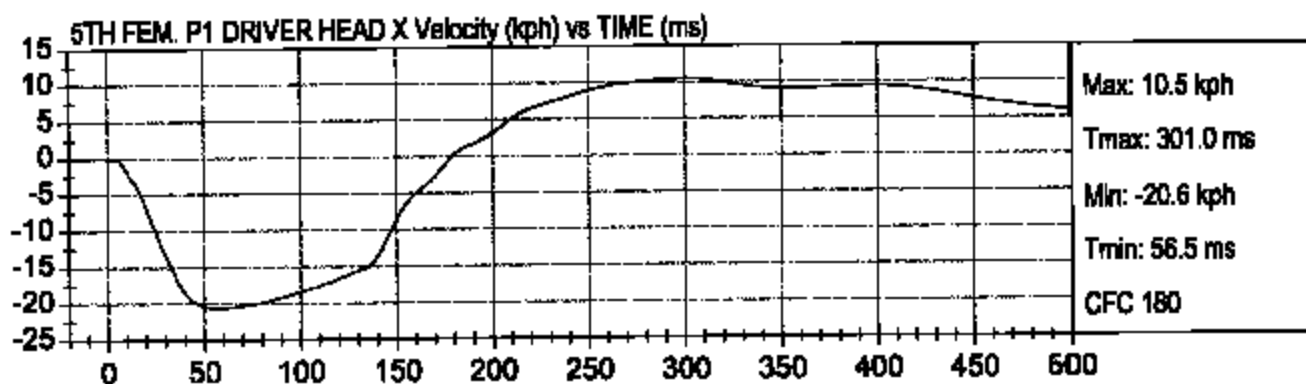
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LOW RISK DEPLOYMENT
JEEP LIBERTY

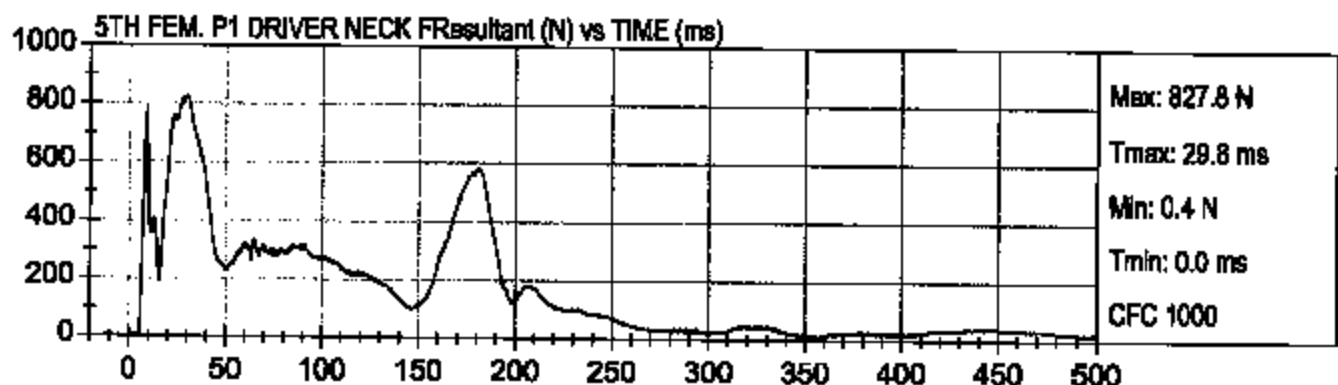
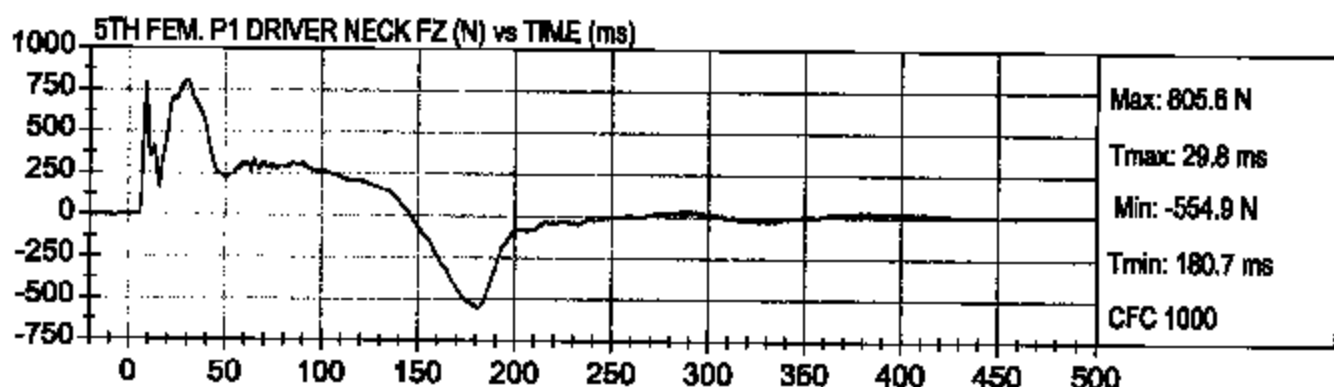
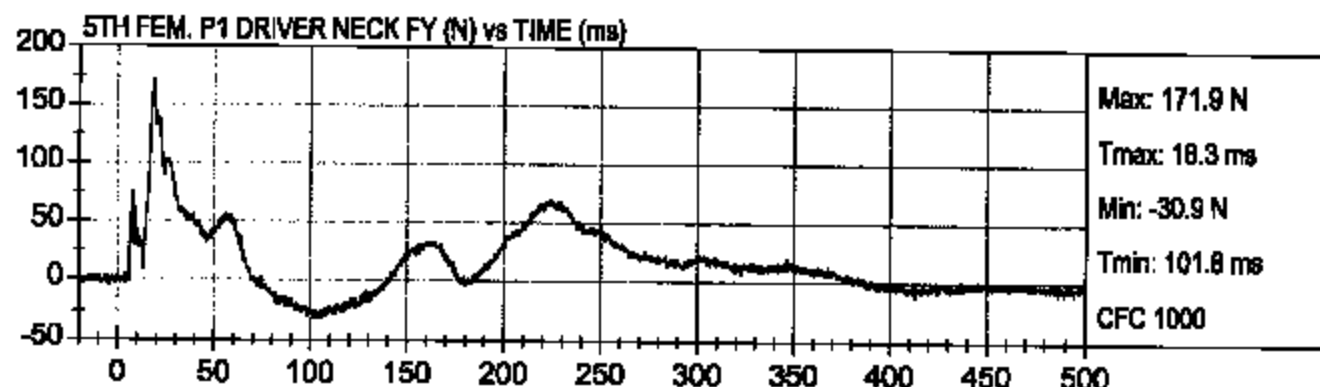
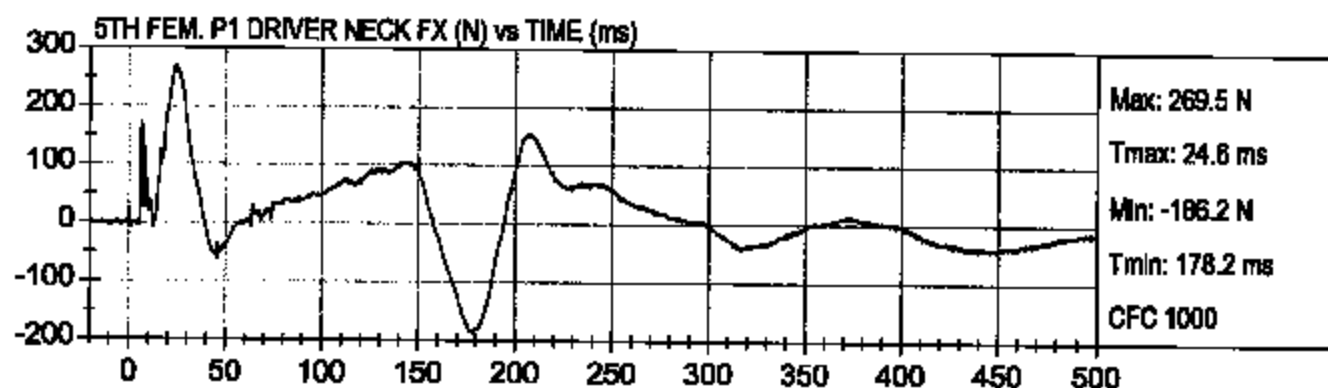
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LOW RISK DEPLOYMENT
JEEP LIBERTY

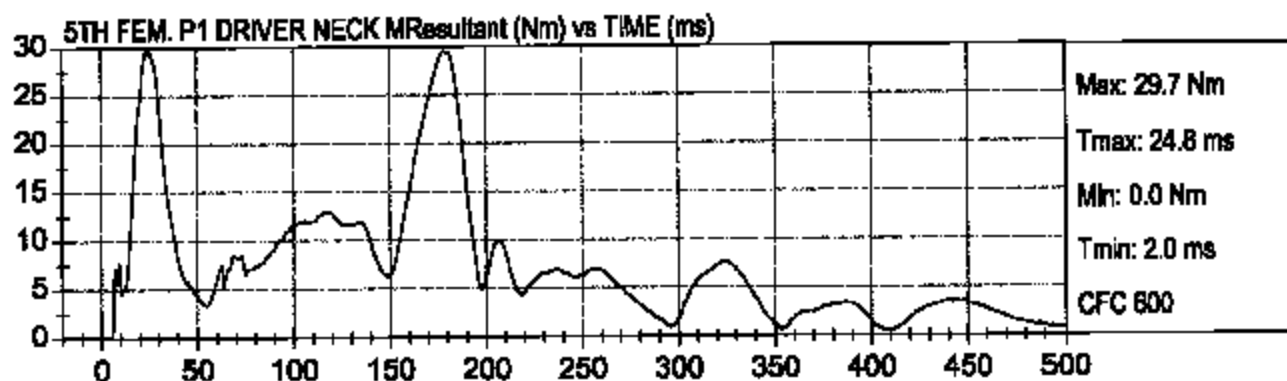
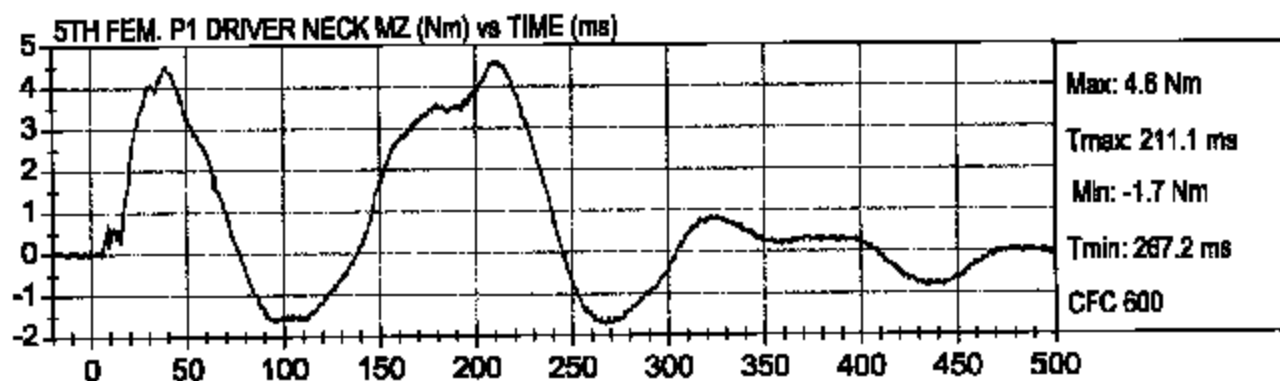
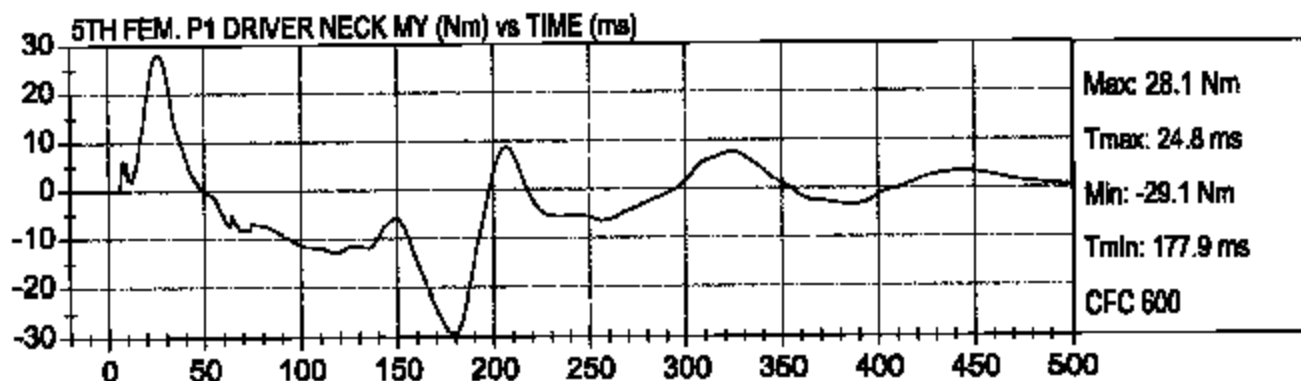
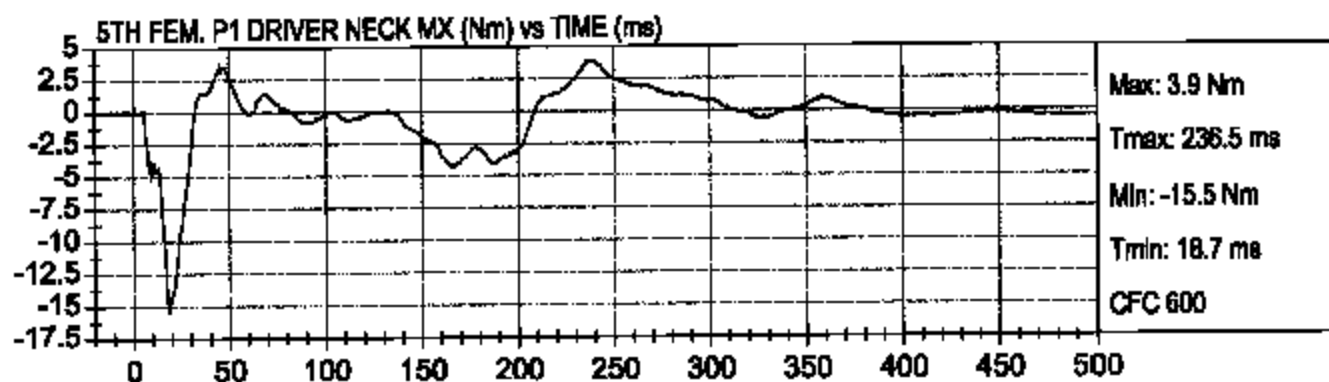
Test Date: 1/16/2004
Speed: 0.0 mph (0.0 km/h)





LOW RISK DEPLOYMENT
JEEP LIBERTY

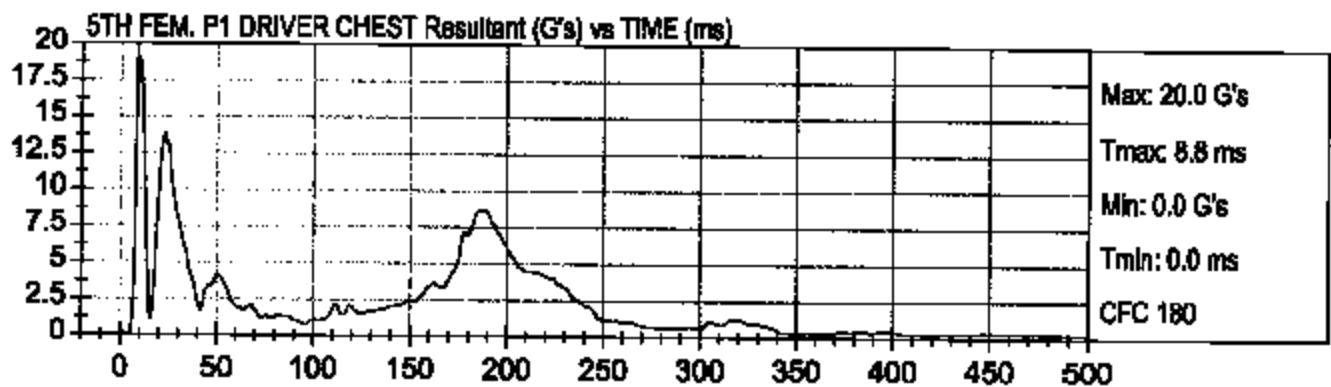
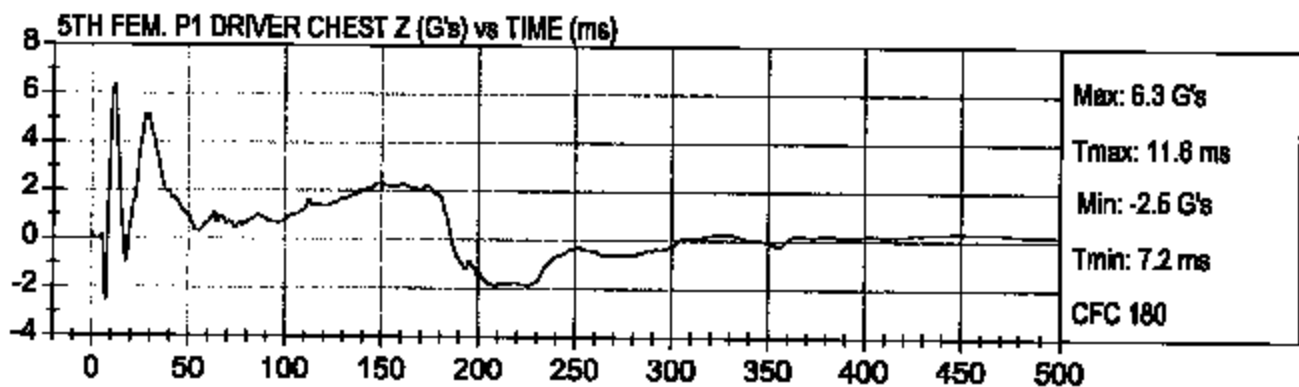
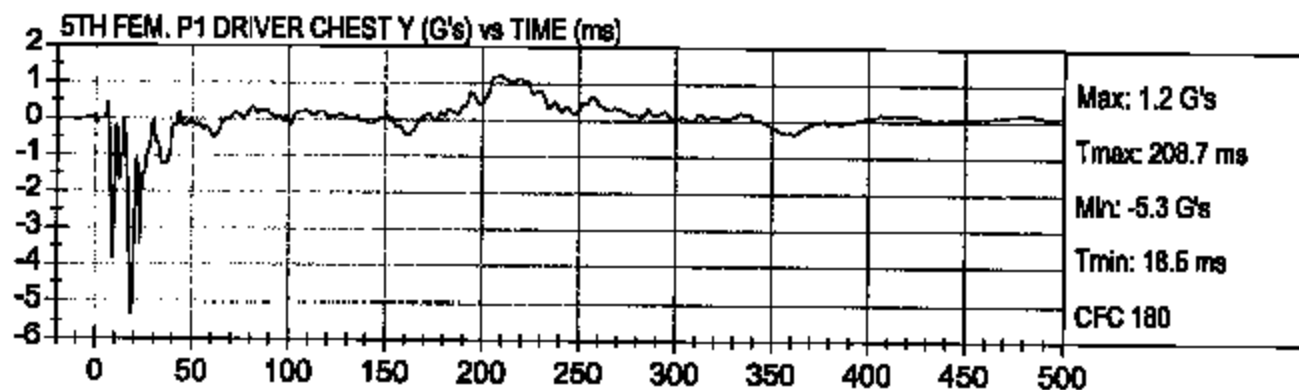
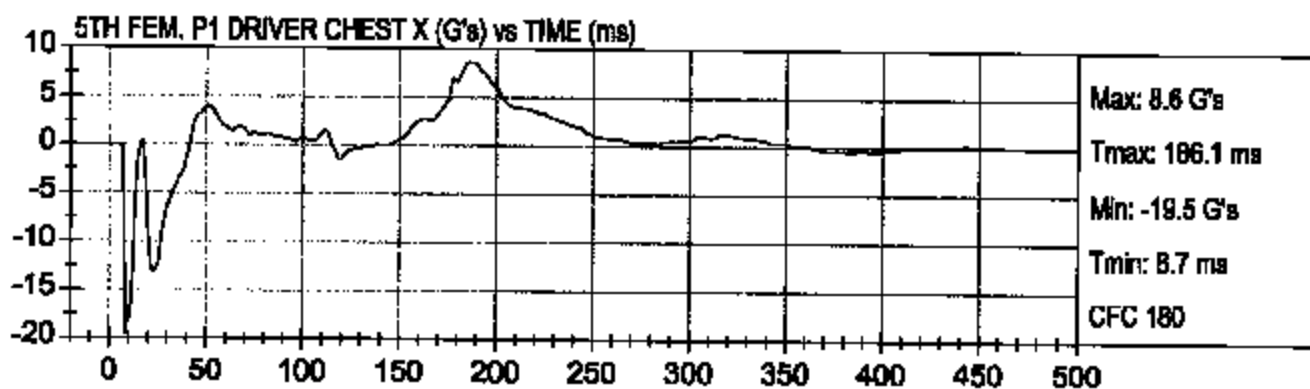
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LOW RISK DEPLOYMENT
JEEP LIBERTY

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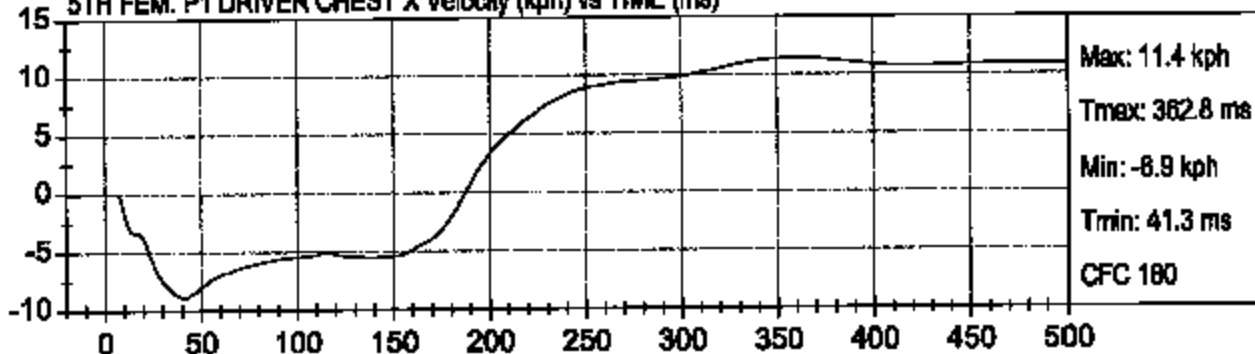




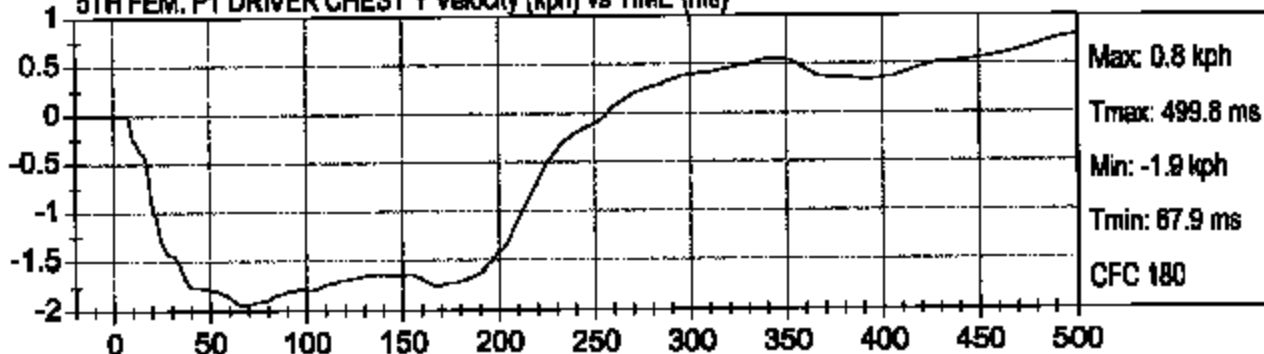
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JEEP LIBERTY

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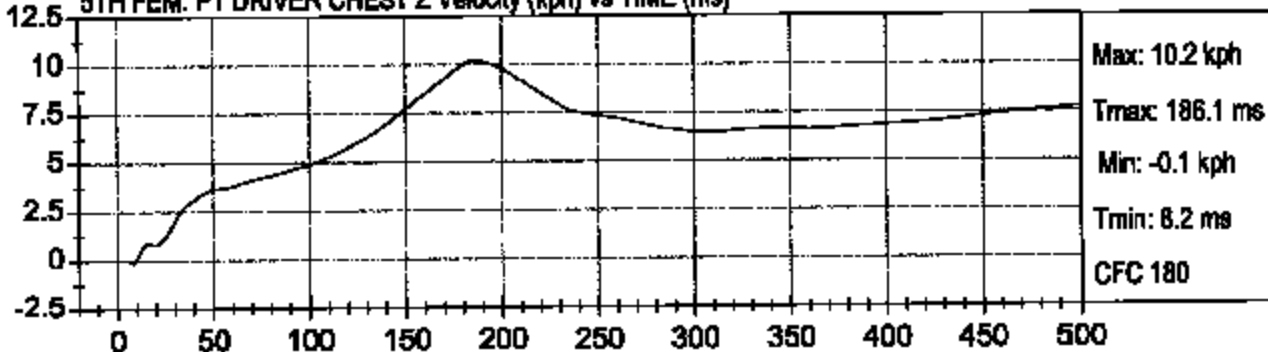
5TH FEM. P1 DRIVER CHEST X Velocity (kph) vs TIME (ms)



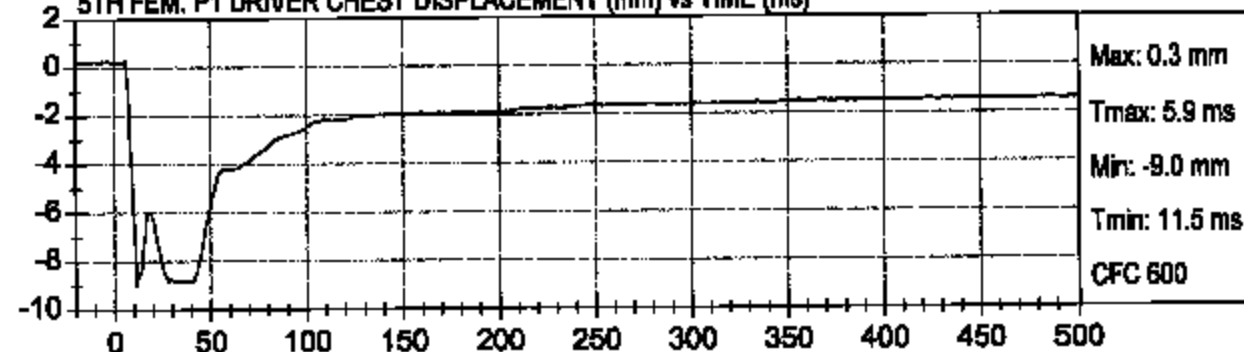
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5TH FEM. P1 DRIVER CHEST Z Velocity (kph) vs TIME (ms)

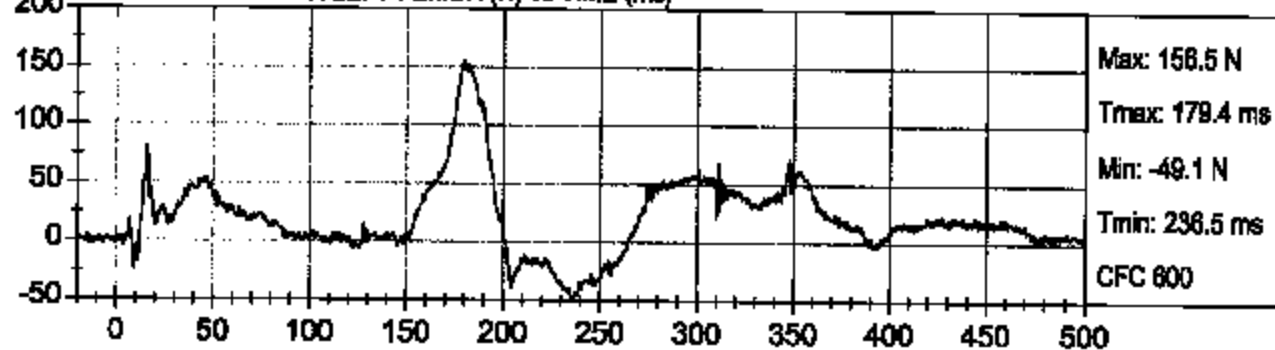


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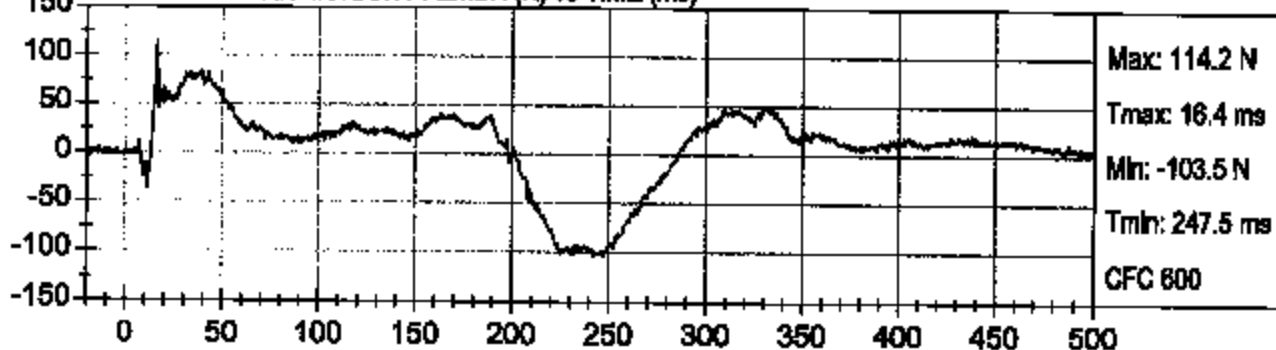




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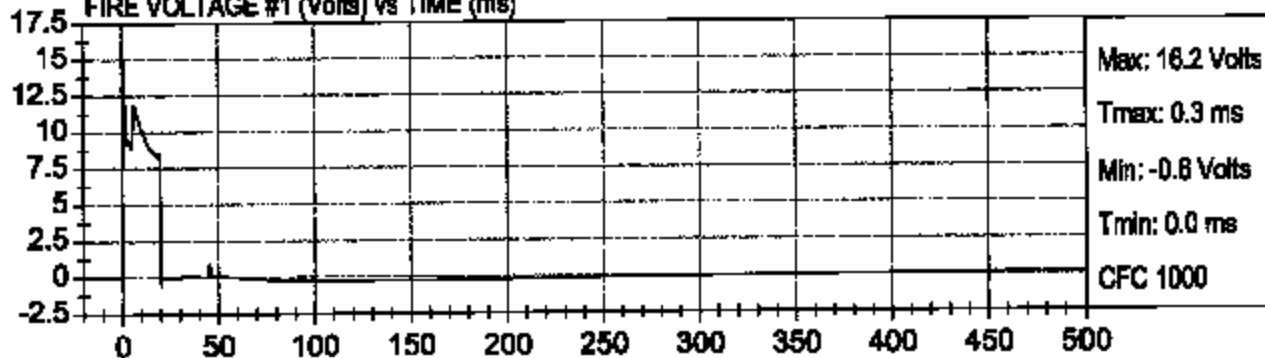




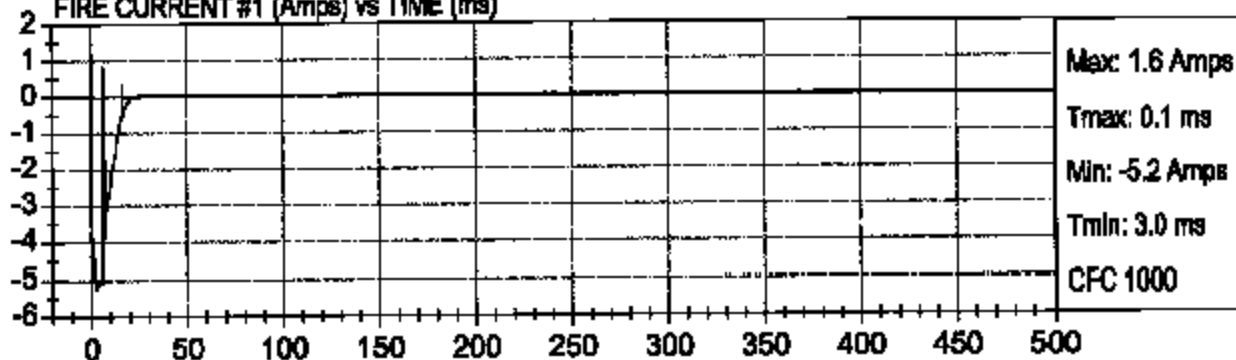
LOW RISK DEPLOYMENT
JEEP LIBERTY

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Speed: 0.0 mph (0.0 km/h)

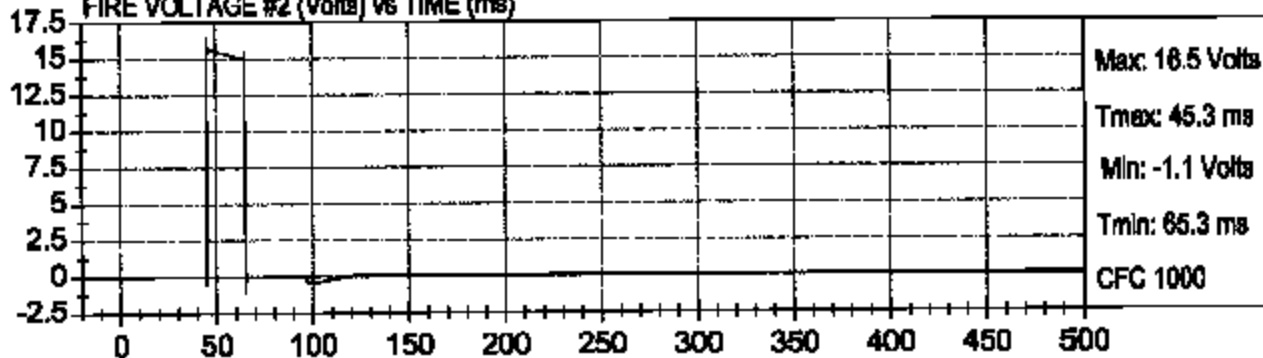
FIRE VOLTAGE #1 (Volts) vs TIME (ms)



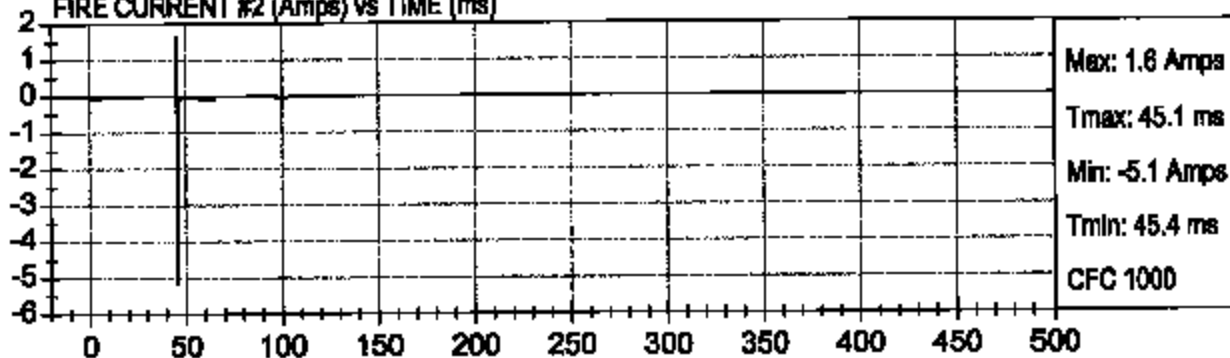
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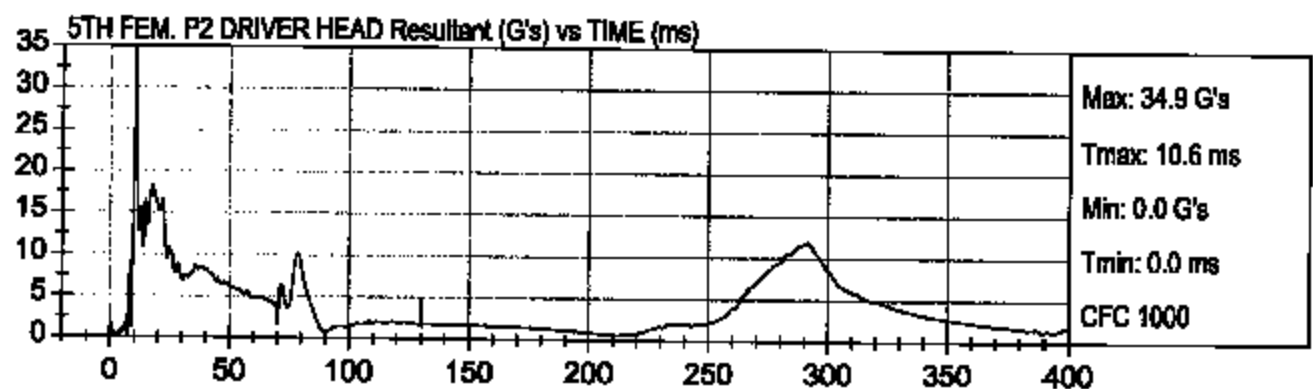
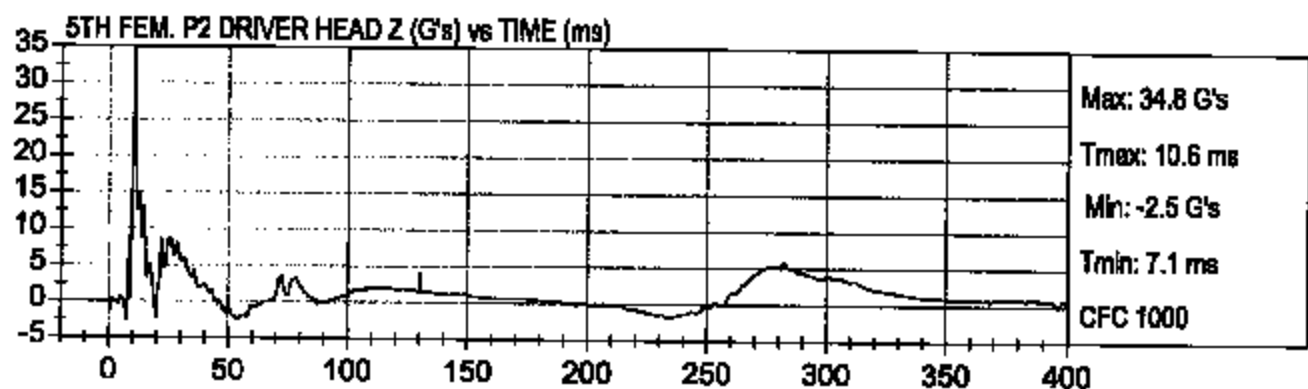
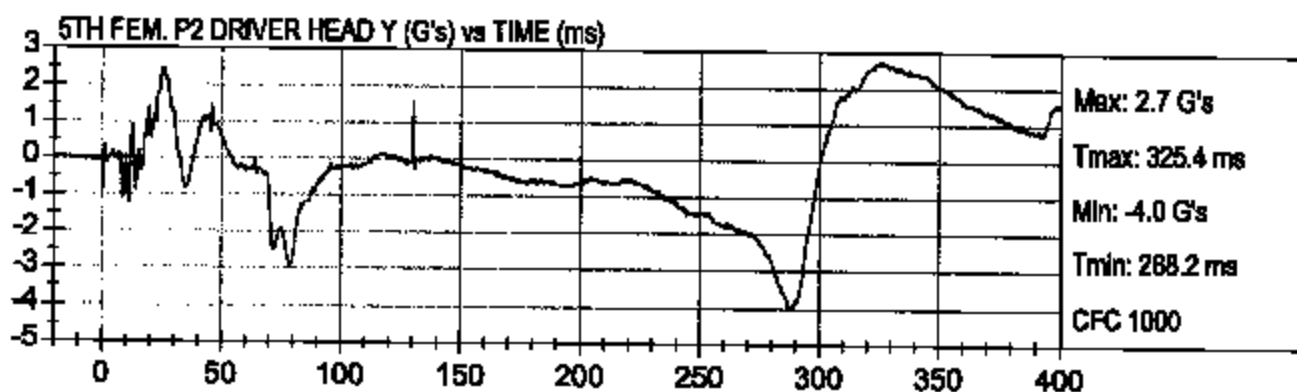
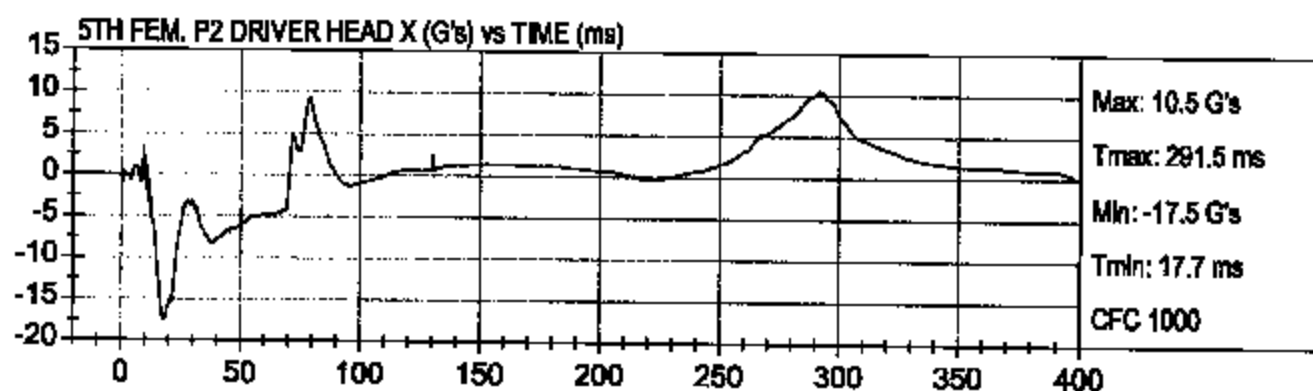
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LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

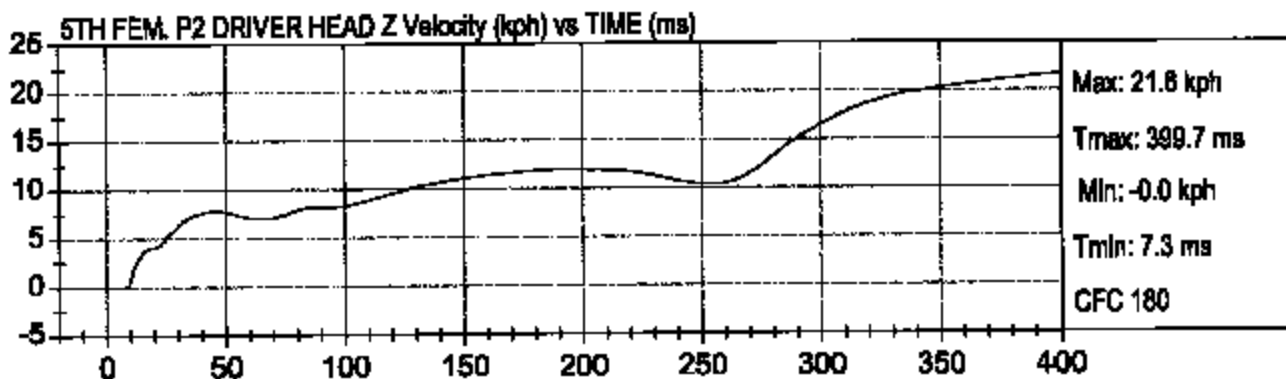
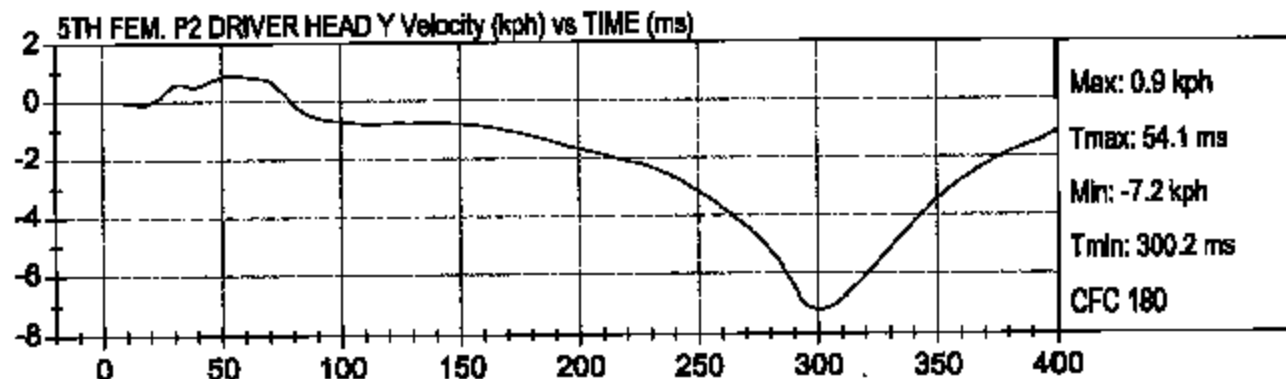
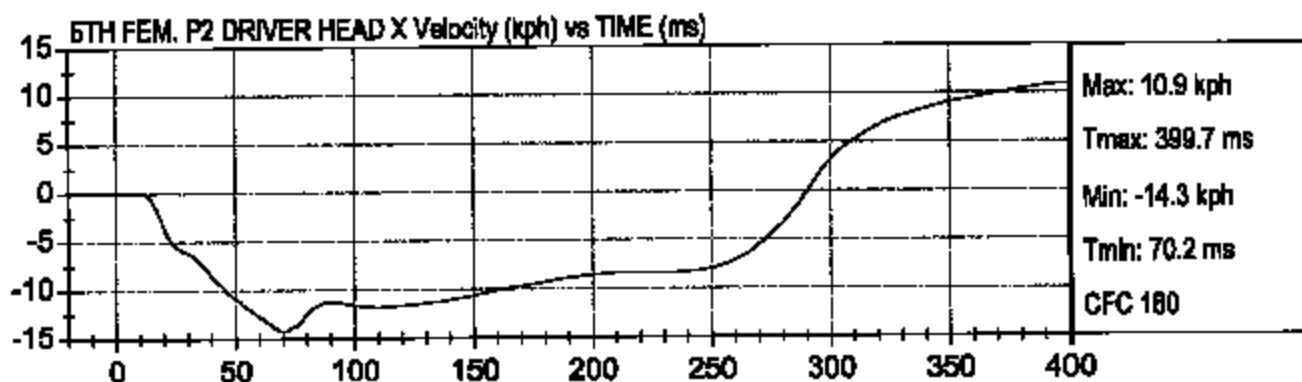
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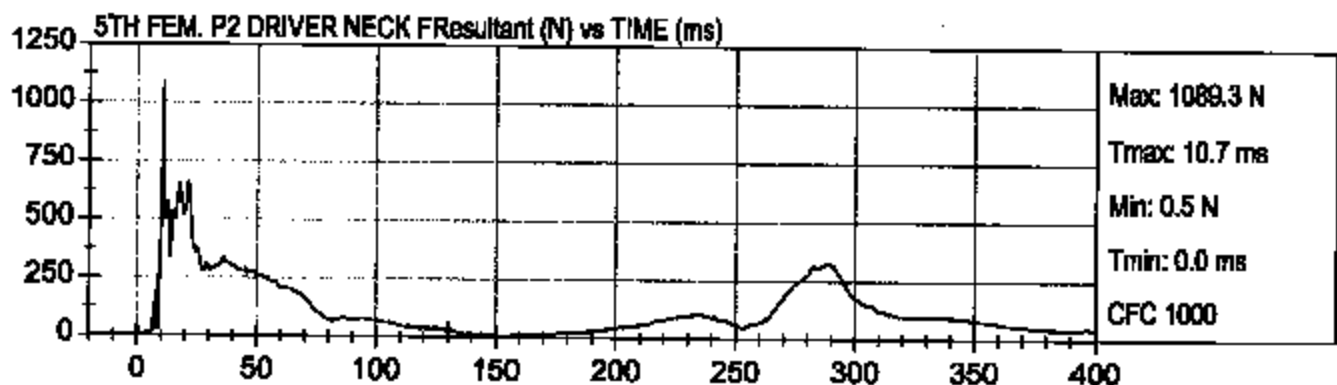
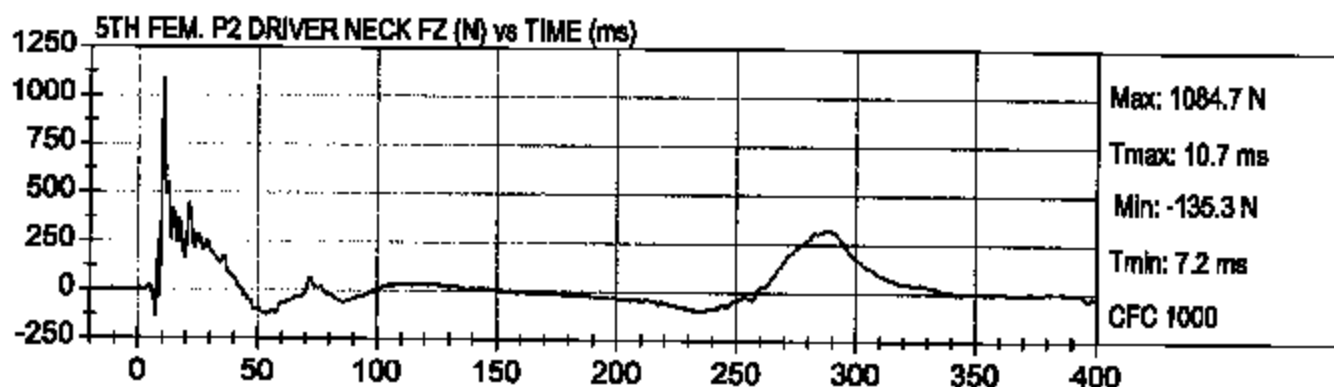
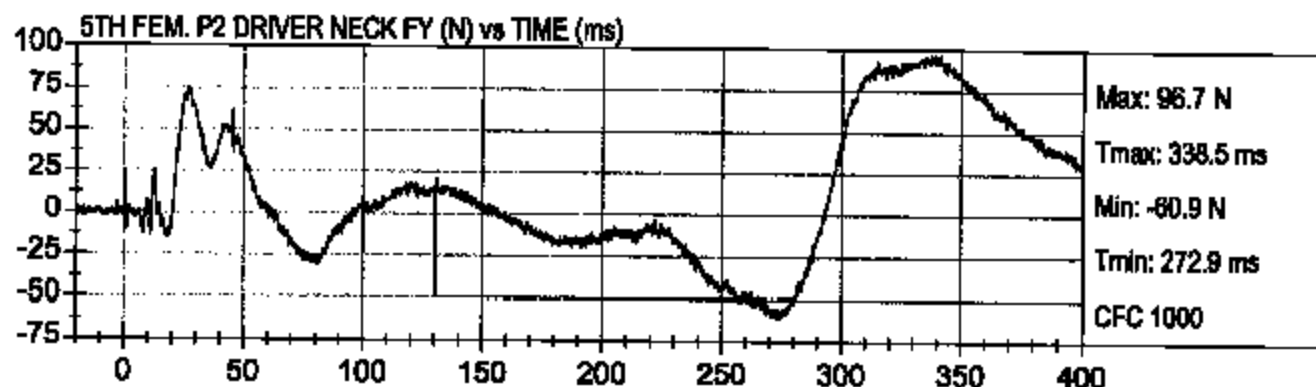
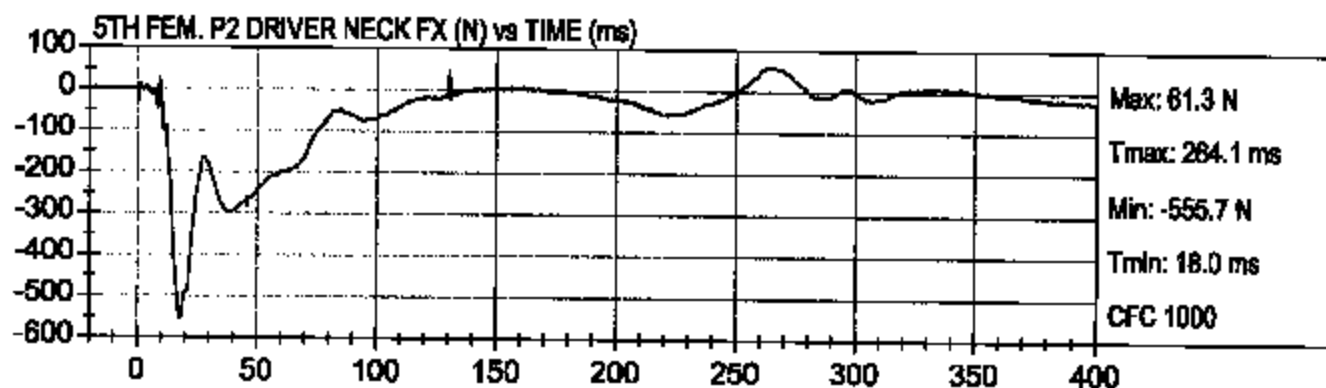




LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

Test Date: 01/30/04
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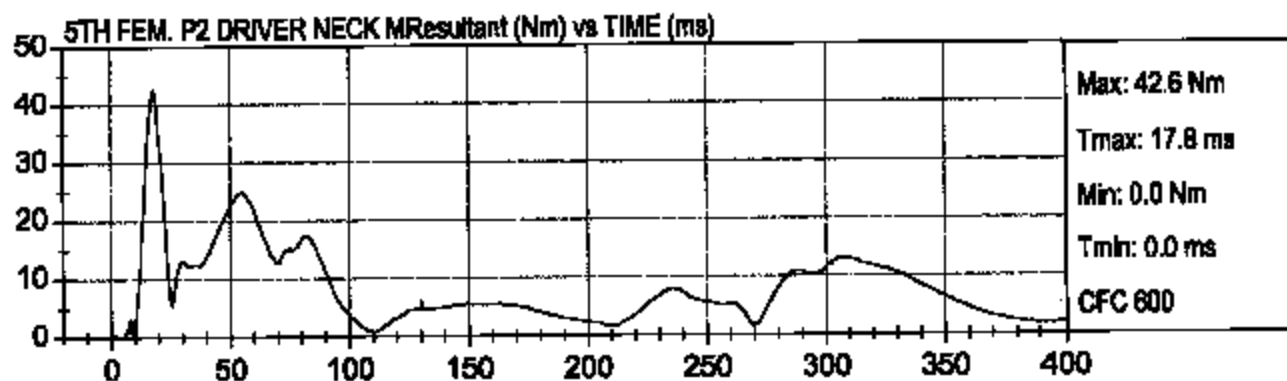
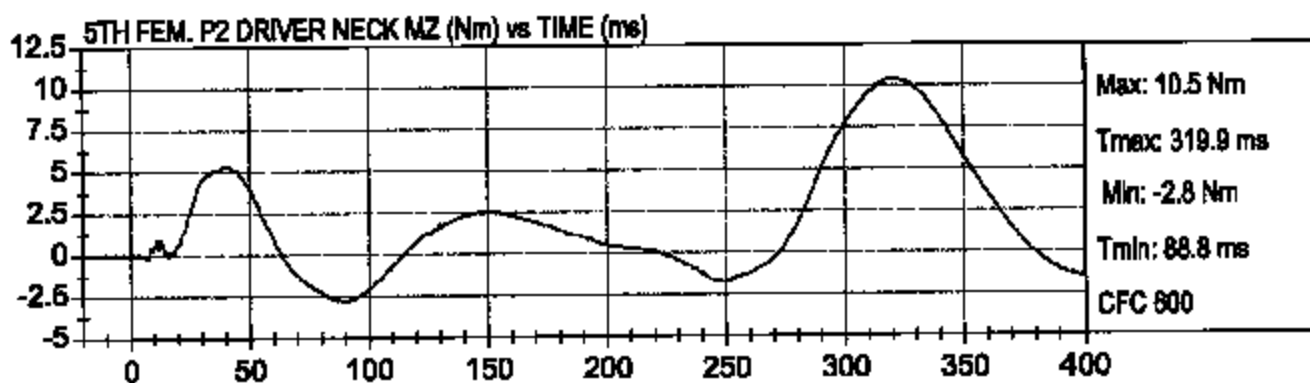
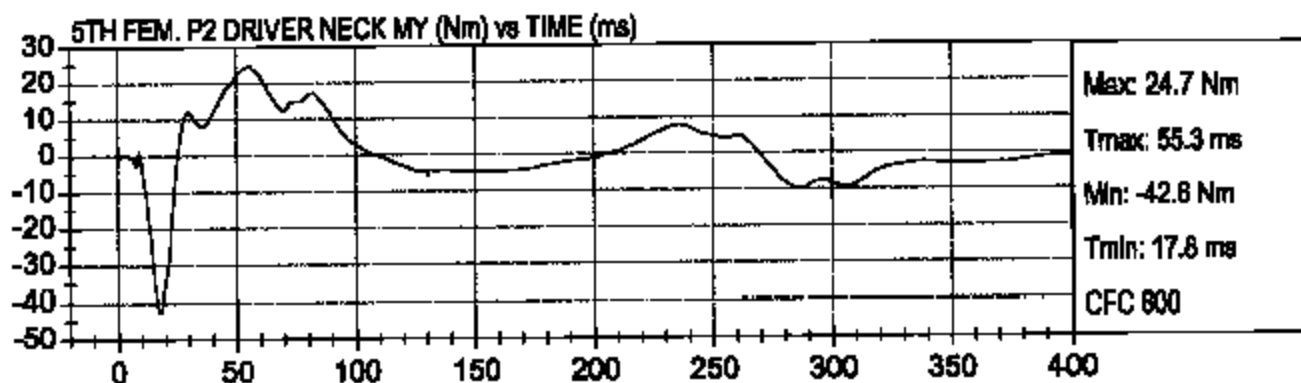
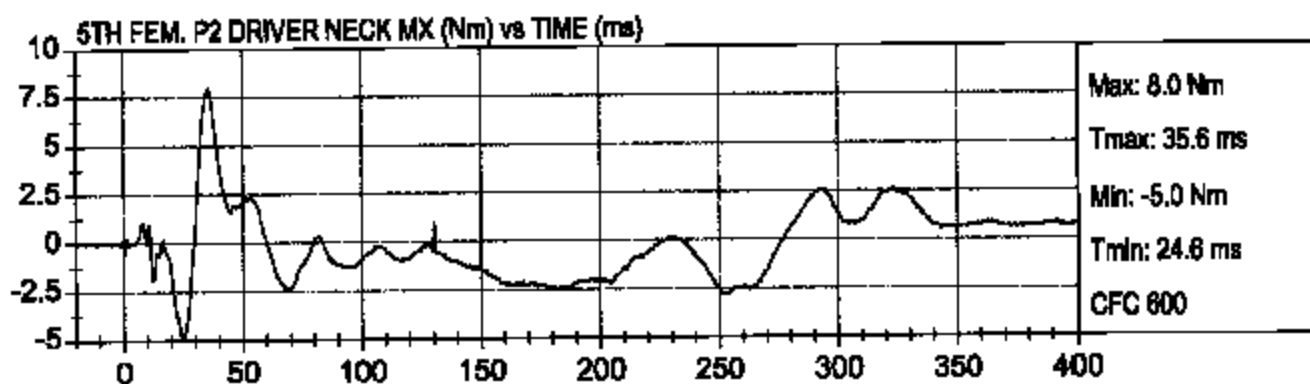






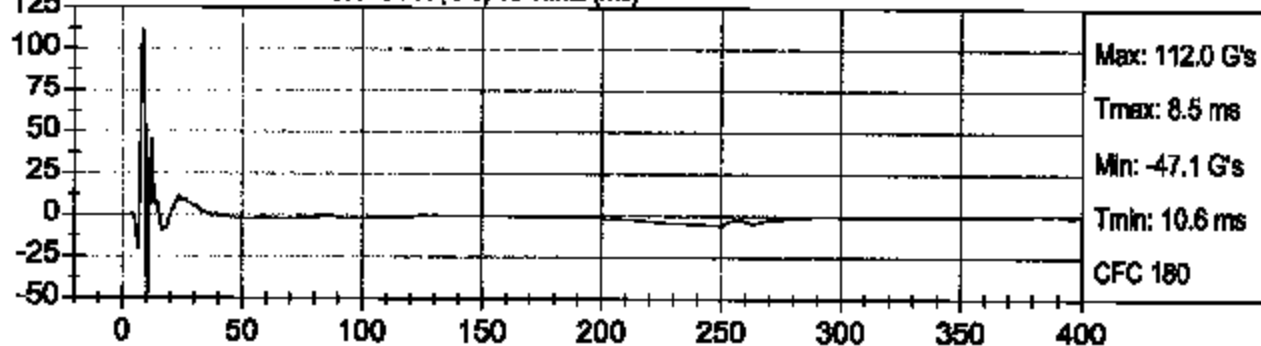
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2004 JEEP LIBERTY

Test Date: 01/30/04
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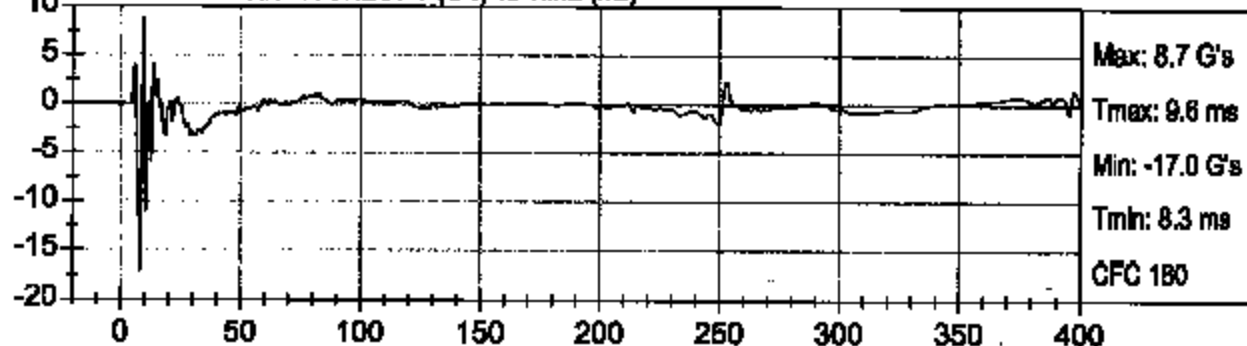




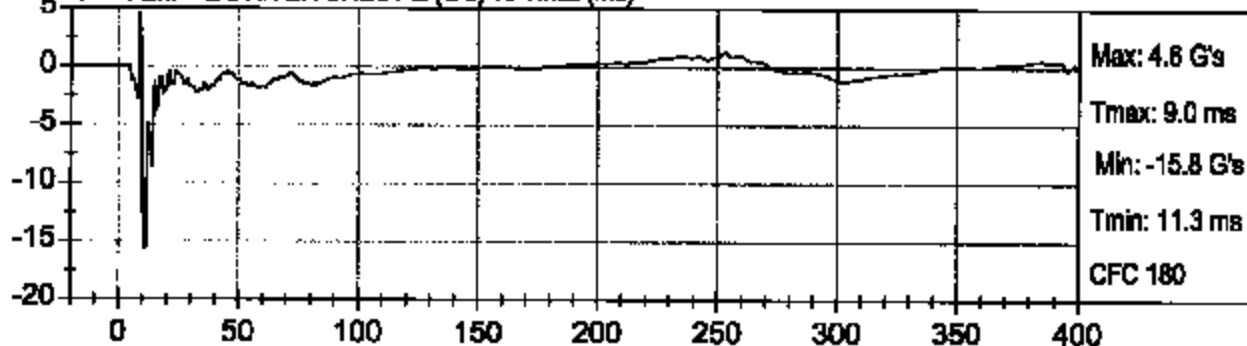
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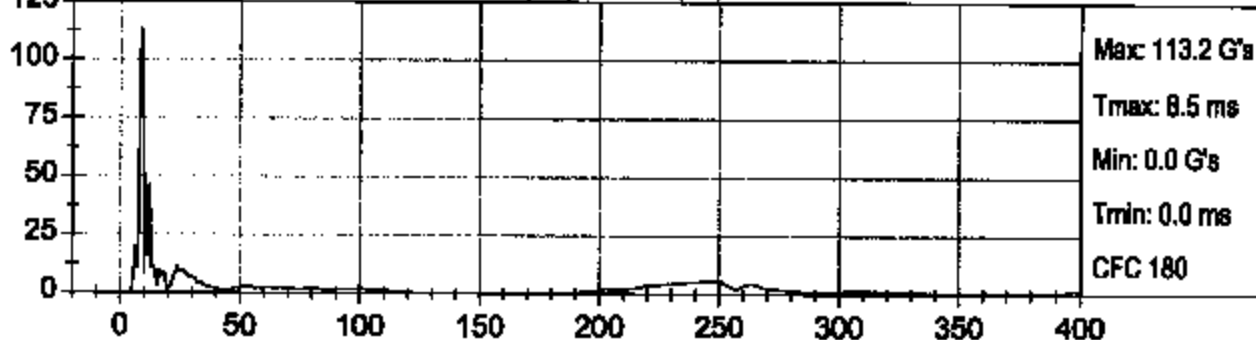
5TH FEM. P2 DRIVER CHEST Y (G's) vs TIME (ms)



5TH FEM. P2 DRIVER CHEST Z (G's) vs TIME (ms)



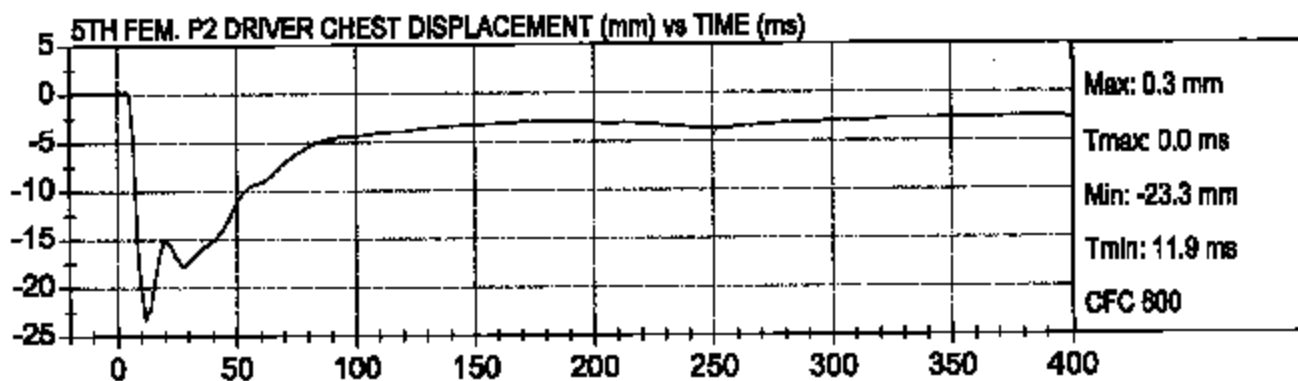
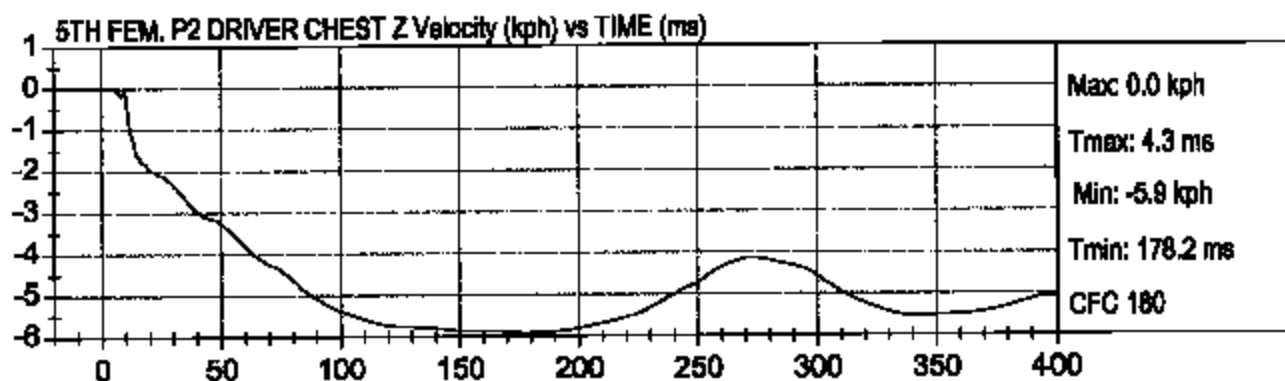
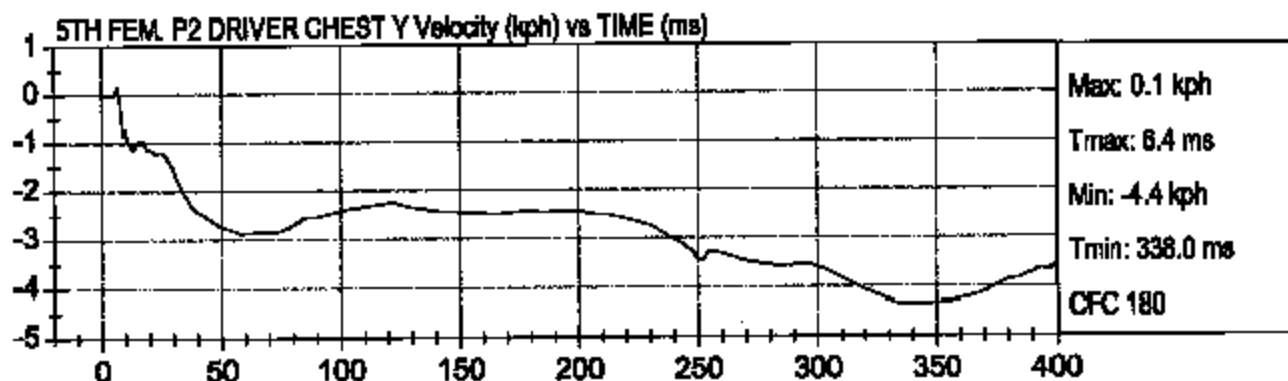
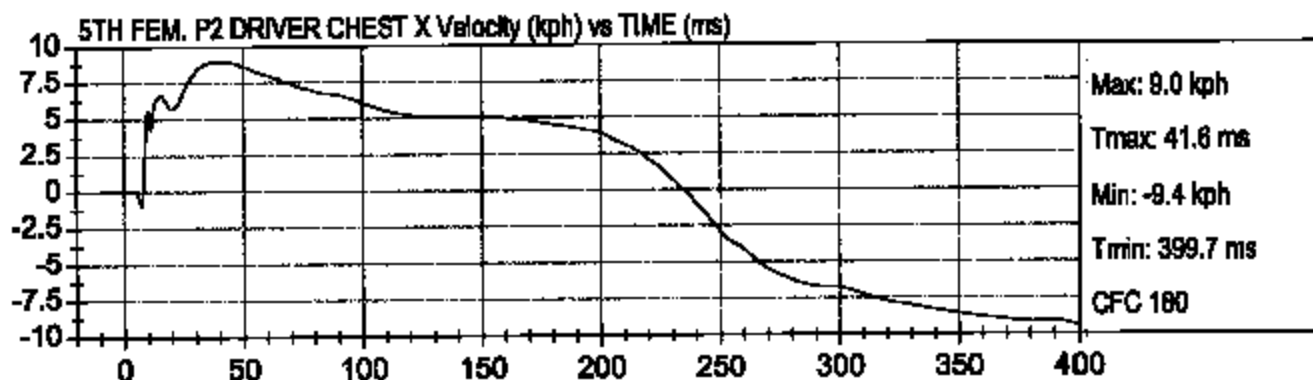
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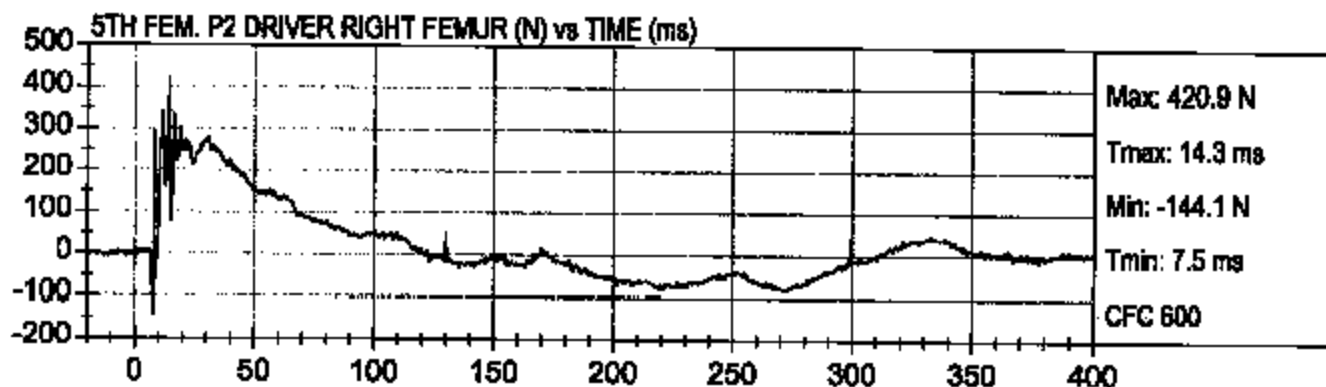
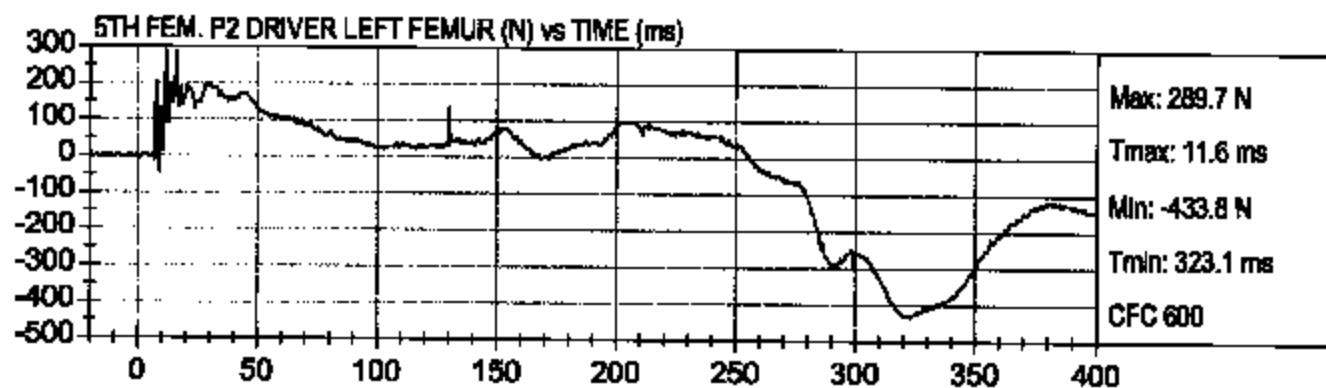




LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

Test Date: 01/30/04
Speed: 0.0 mph (0.0 km/h)

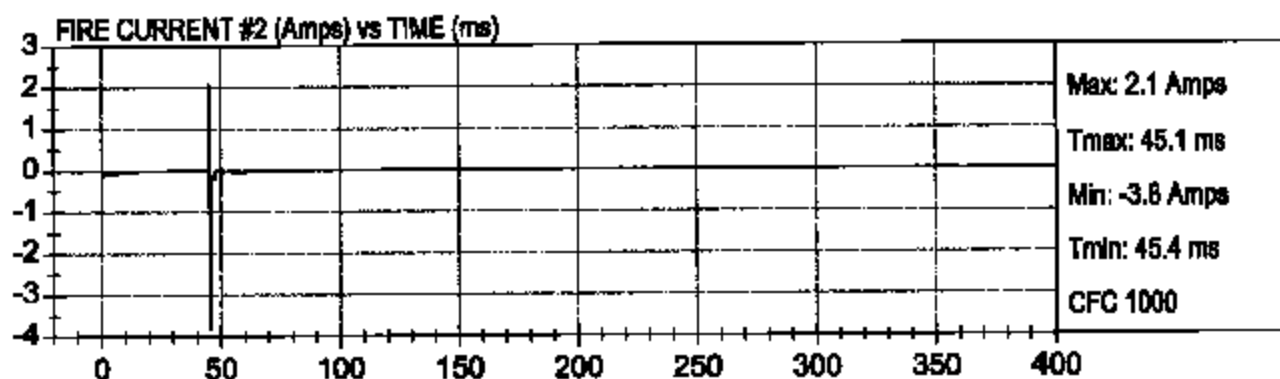
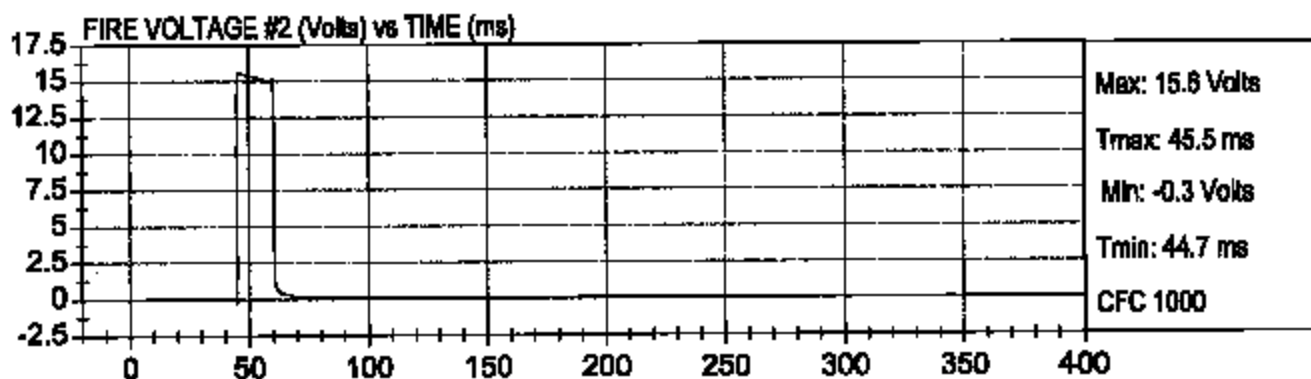
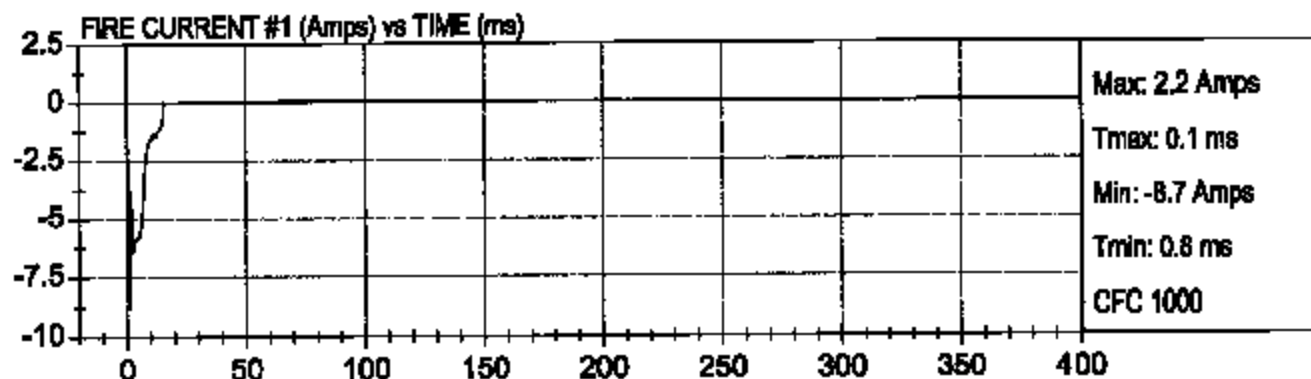
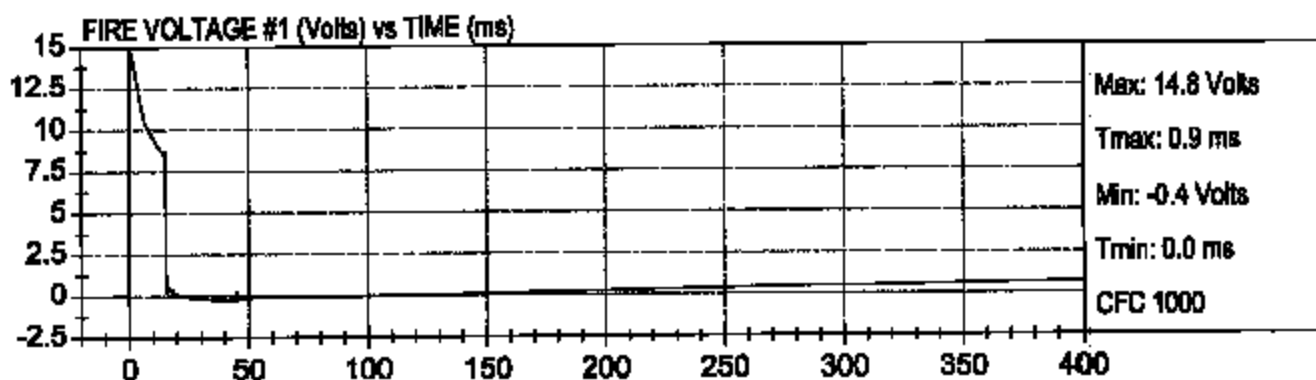


**mga**LOW RISK DEPLOYMENT
2004 JEEP LIBERTYTest Date: 01/30/04
Speed: 0.0 mph (0.0 km/h)



LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

Test Date: 01/30/04
Speed: 0.0 mph (0.0 km/h)



APPENDIX C
CRASH TEST PHOTOGRAPHS

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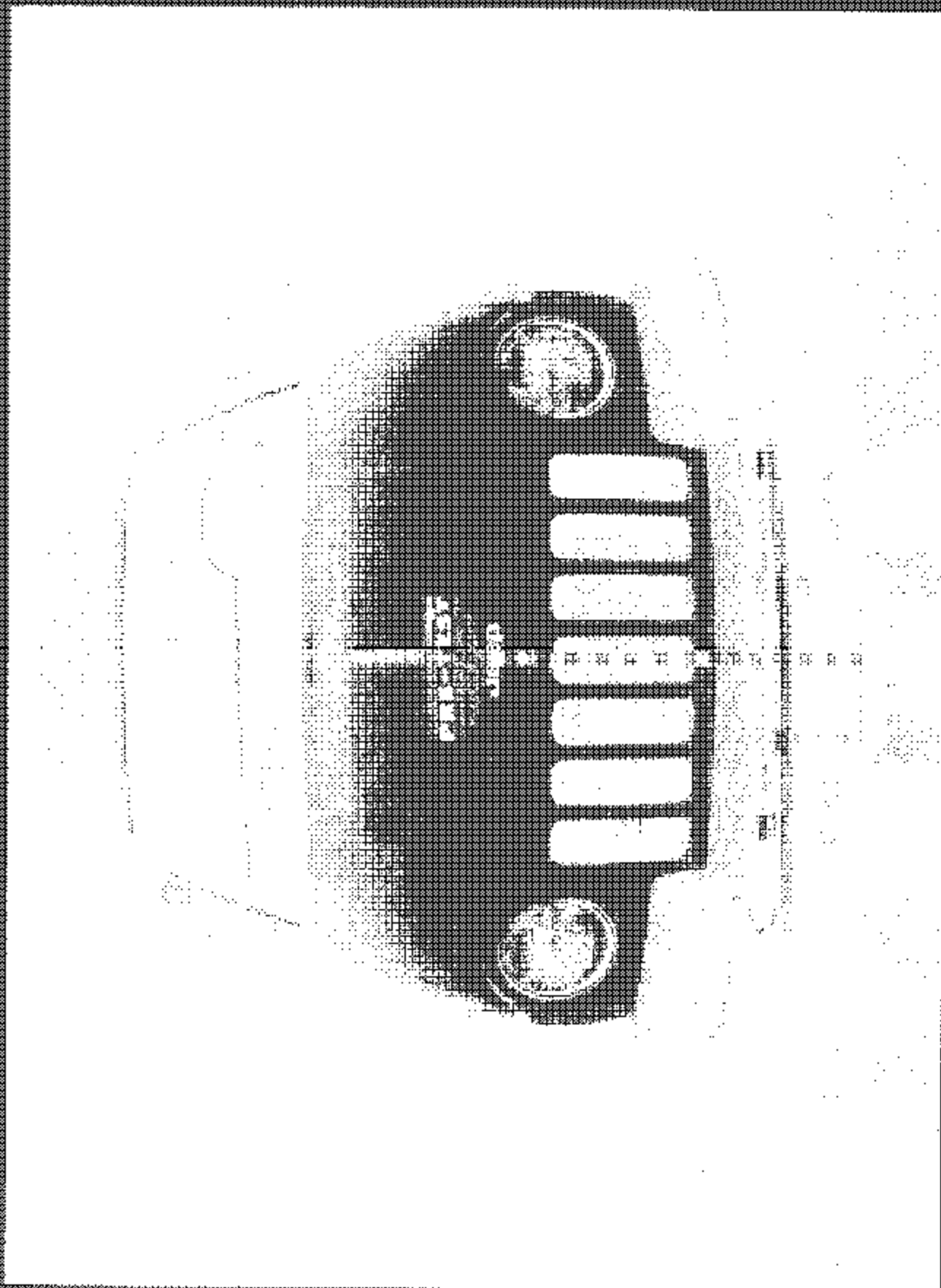
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Vehicle Certification Label/Tire Placard

Vehicle Certification Label/Tire Placard

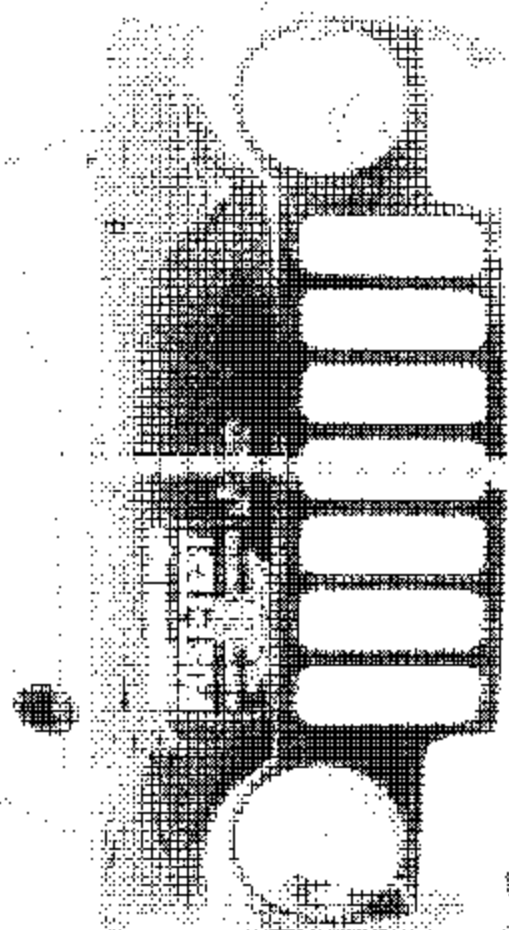


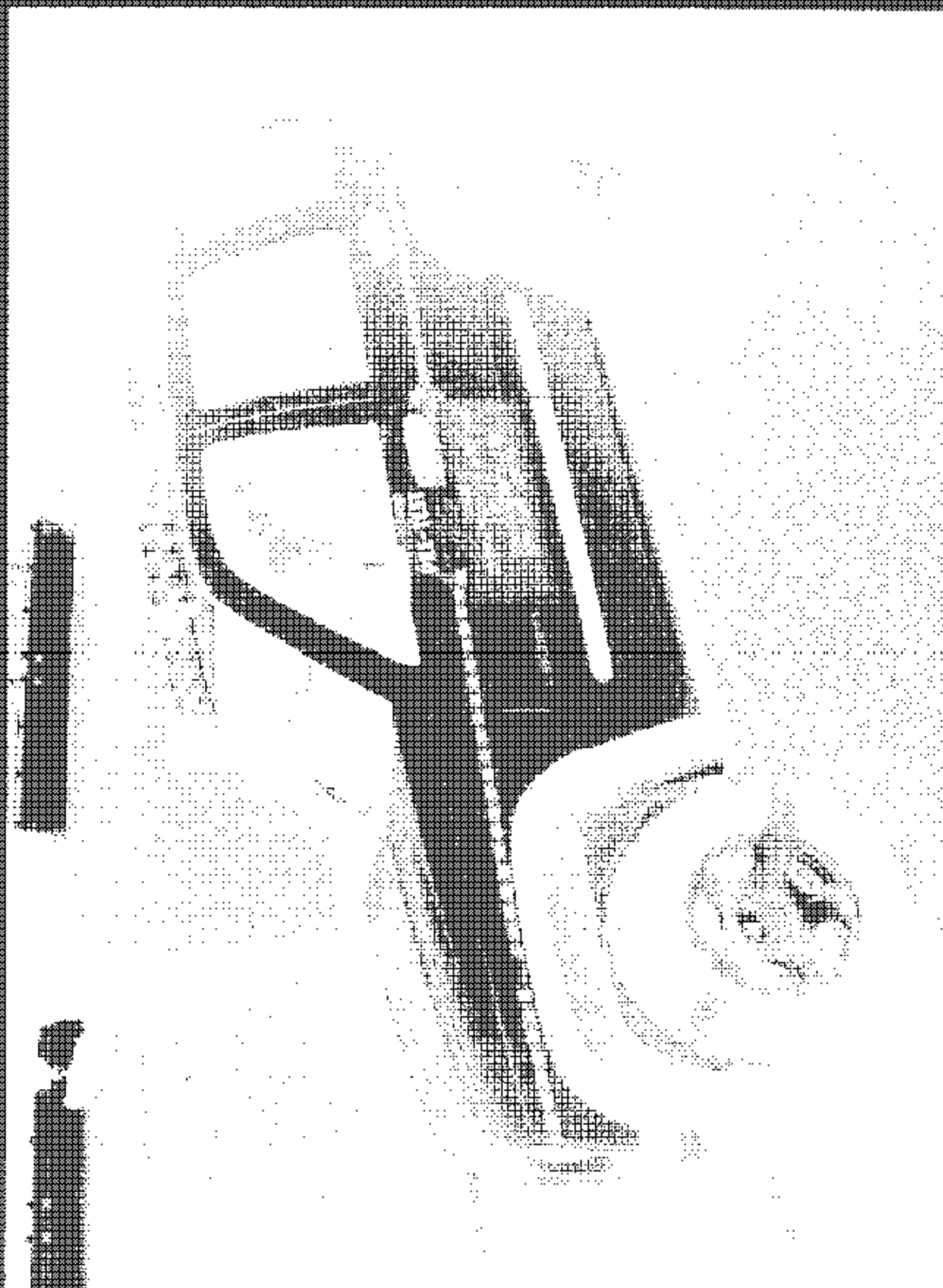
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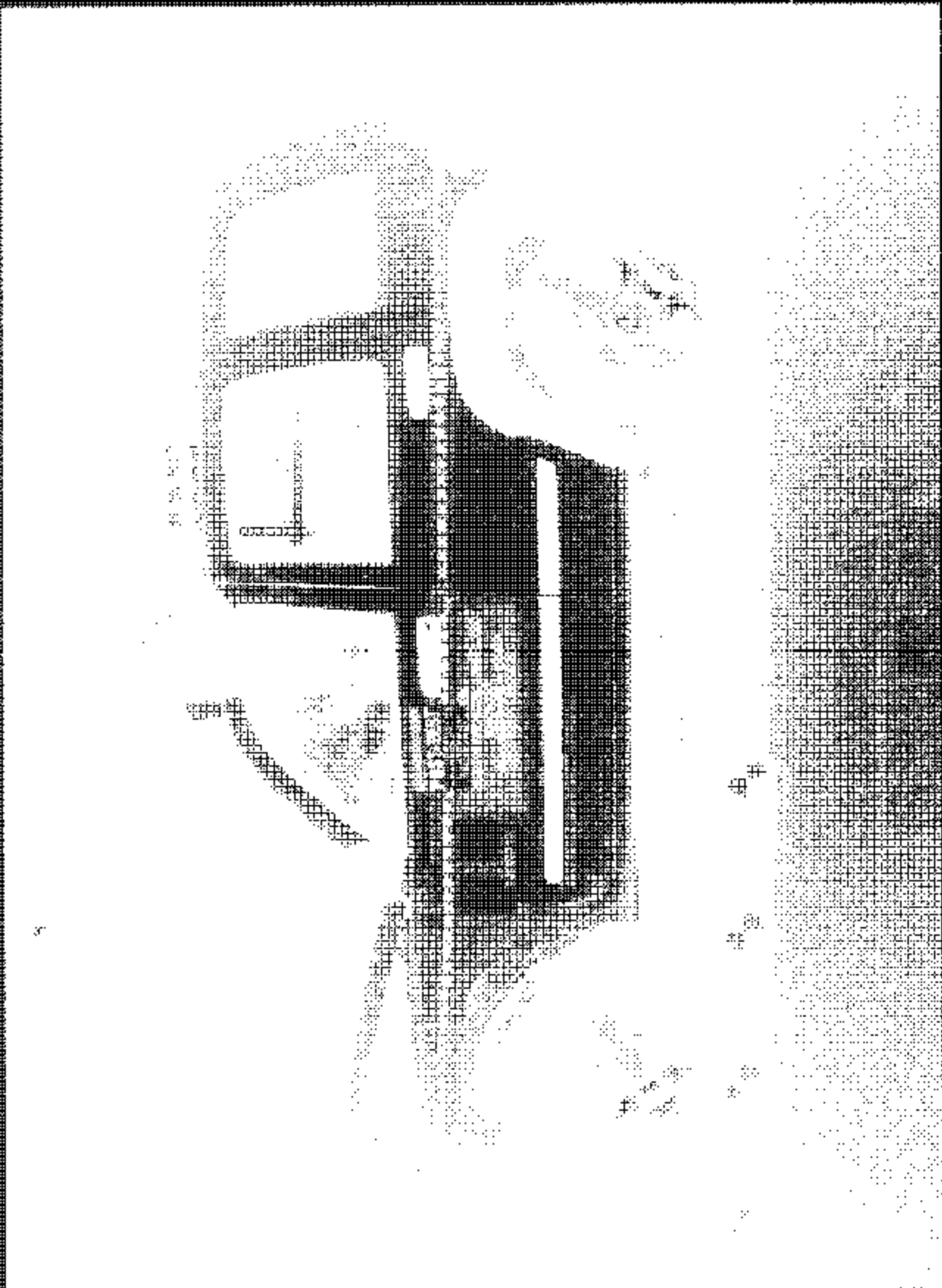
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Post-Test Front View of Test Vehicle

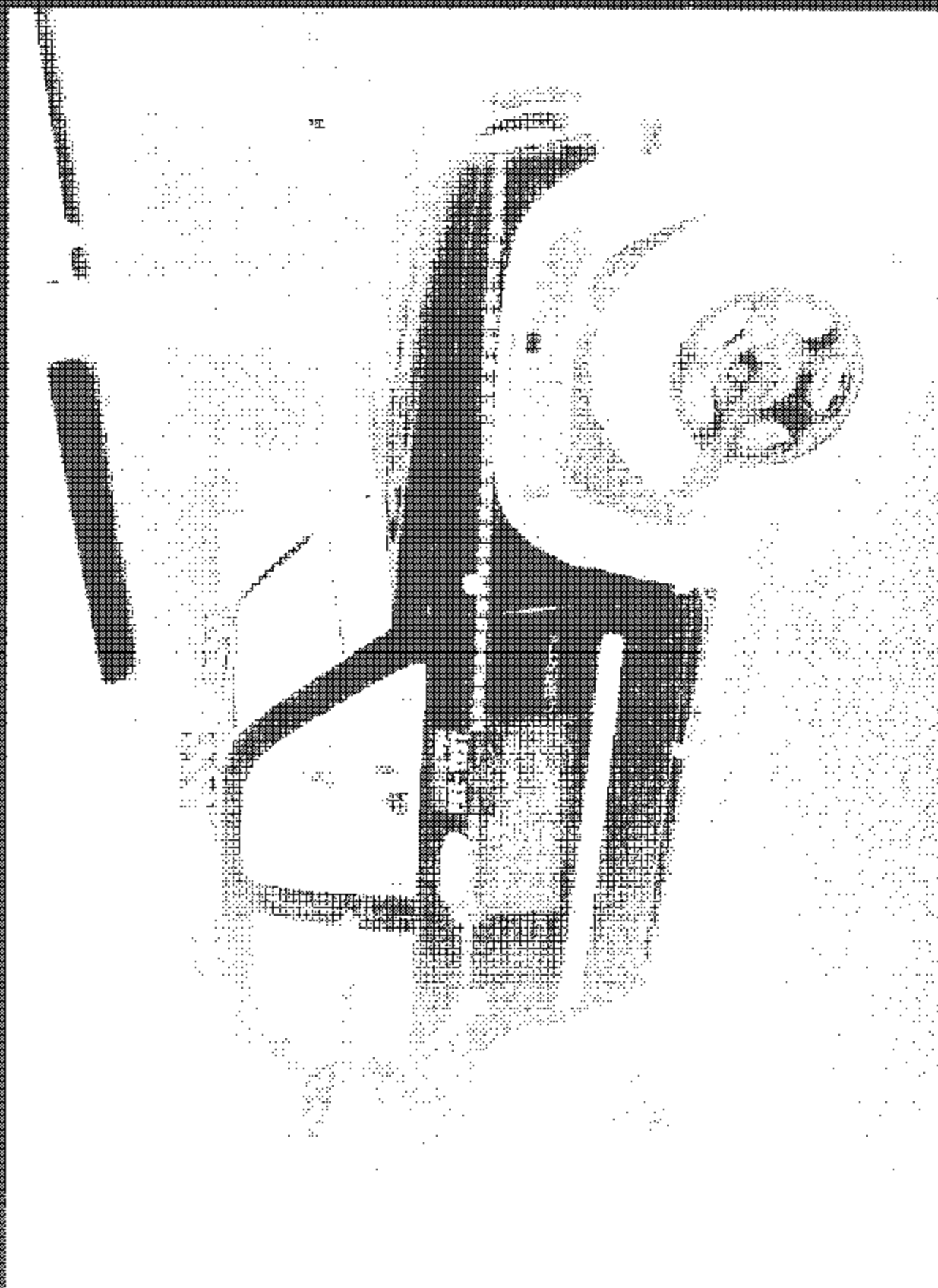




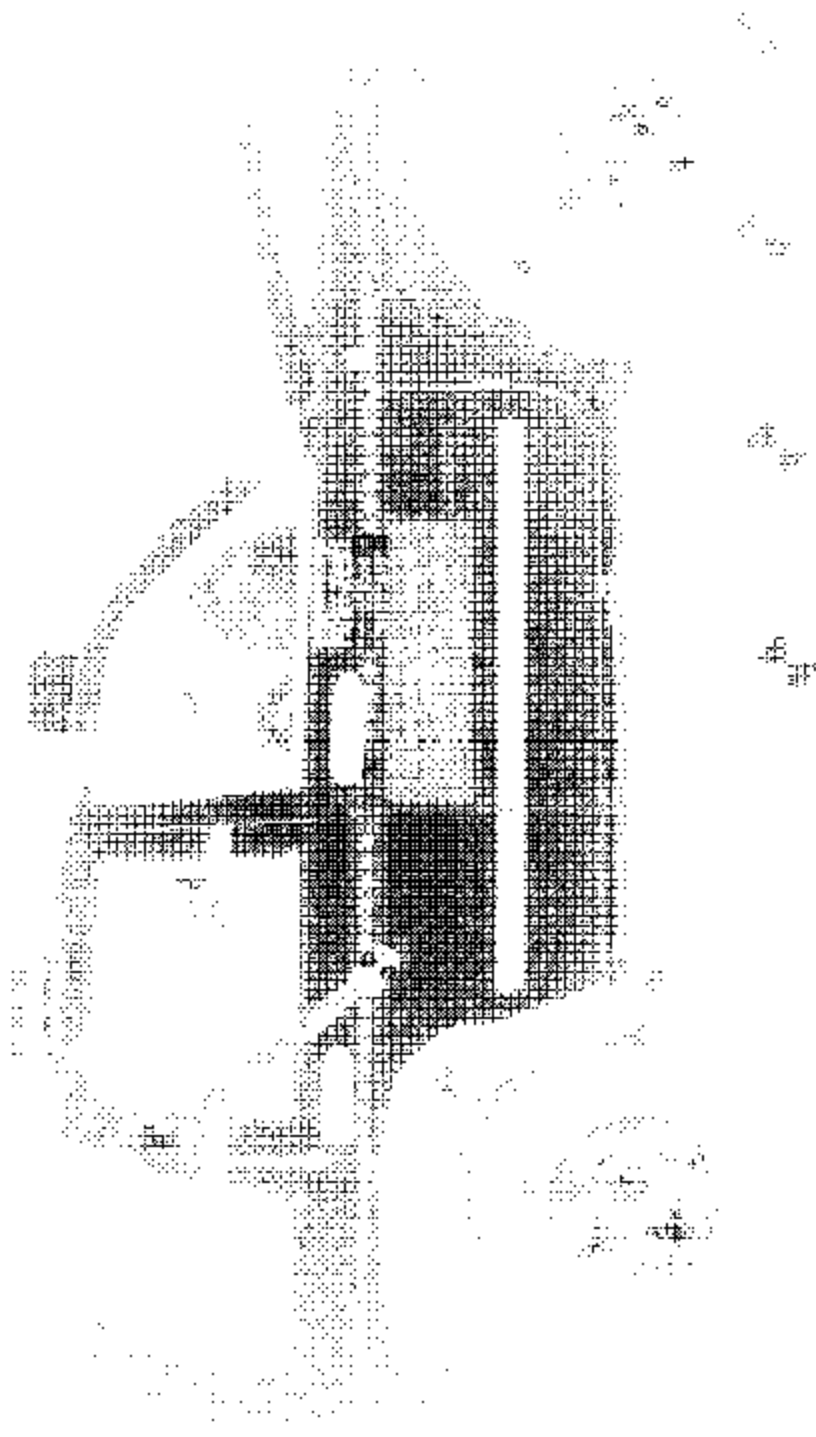
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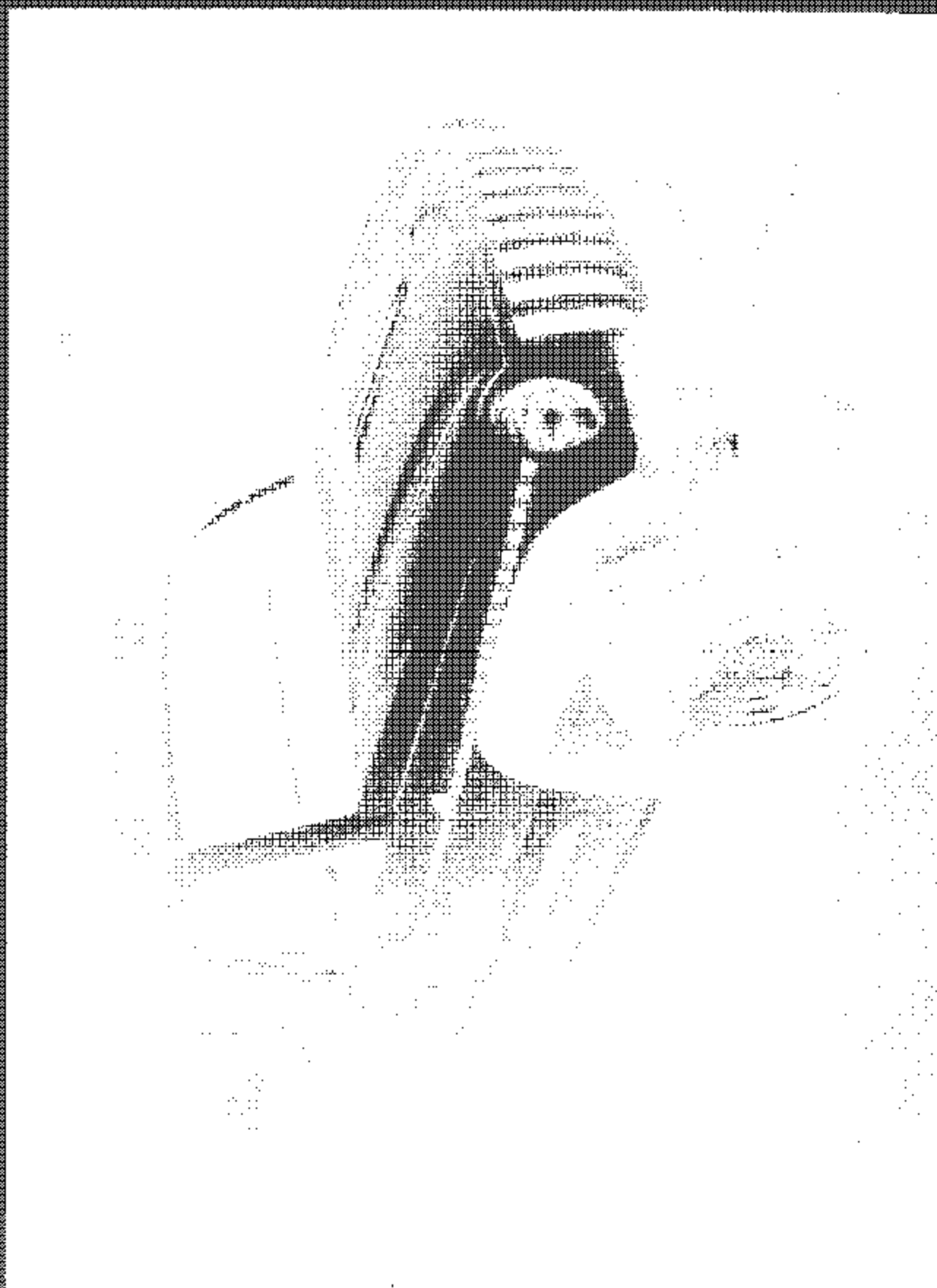
Post-Test Left Side View of Test Vehicle



Pre-Test Right Side View of Test Vehicle



Post-Test Right Side View of Test Vehicle



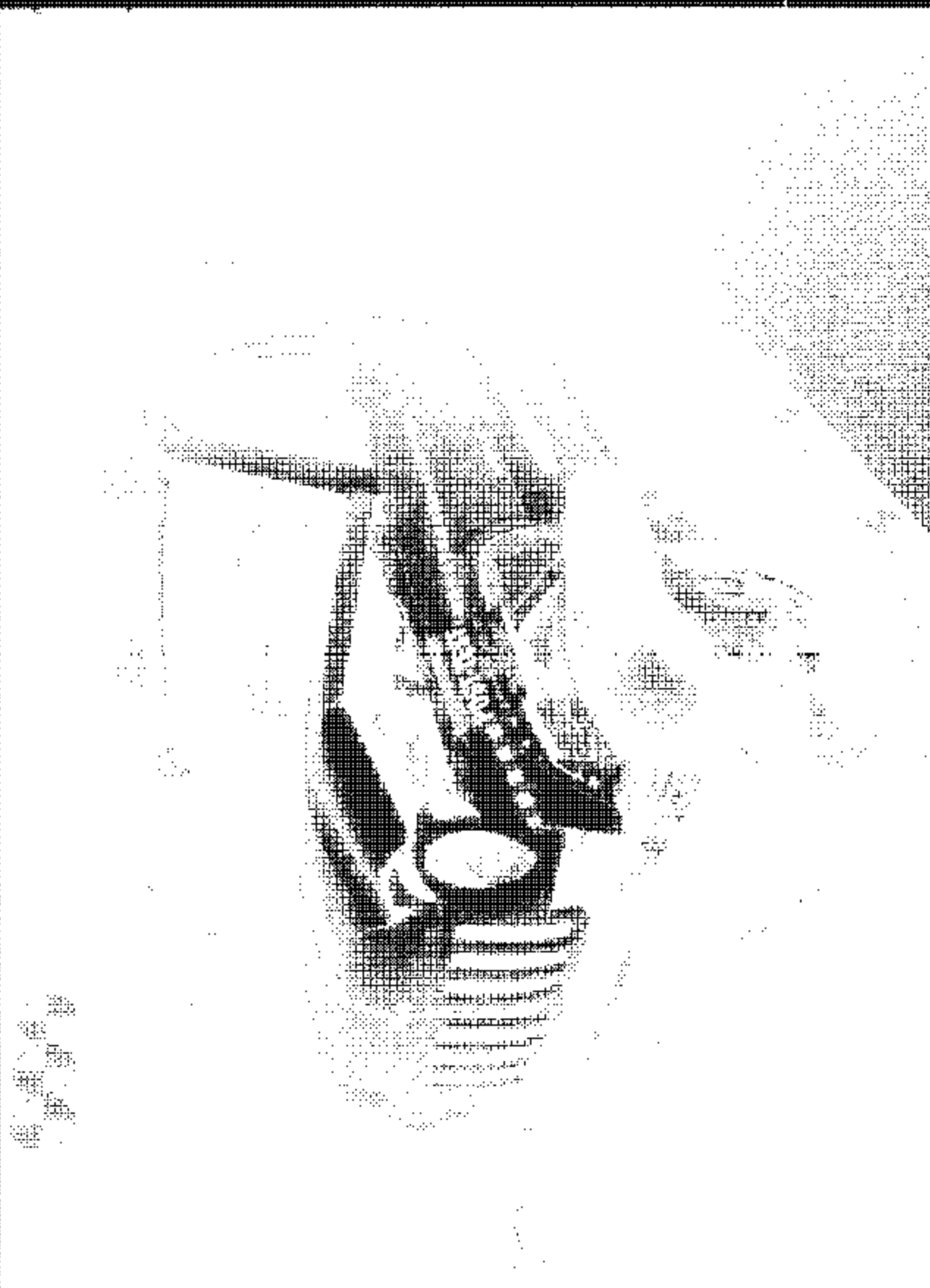
Pre-Test Right Front Three-Quarter View of Test Vehicle



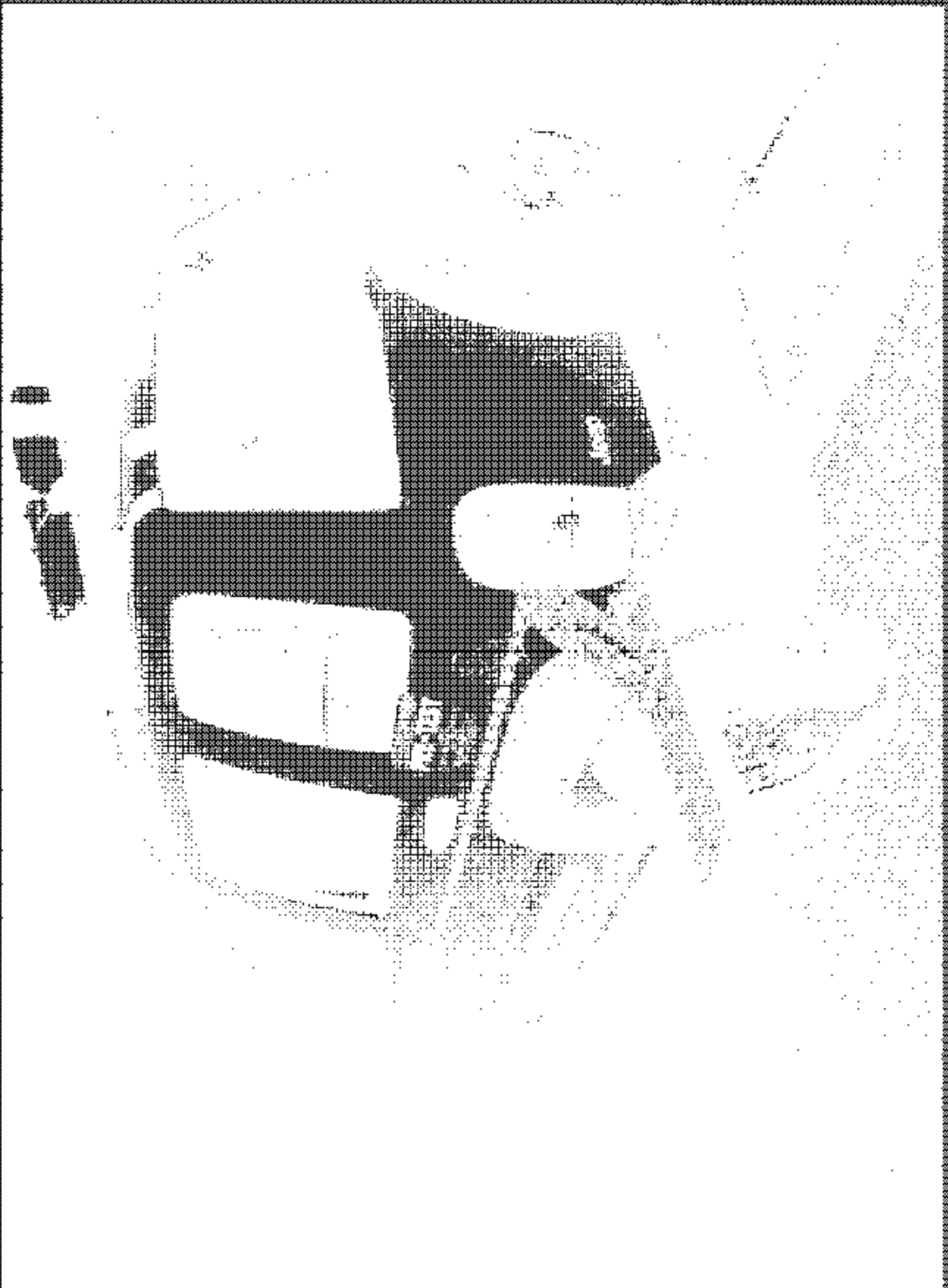
Post-Test Right Front Three-Quarter View of Test Vehicle



Pre-Test Left Front Three-Quarter View of Test Vehicle



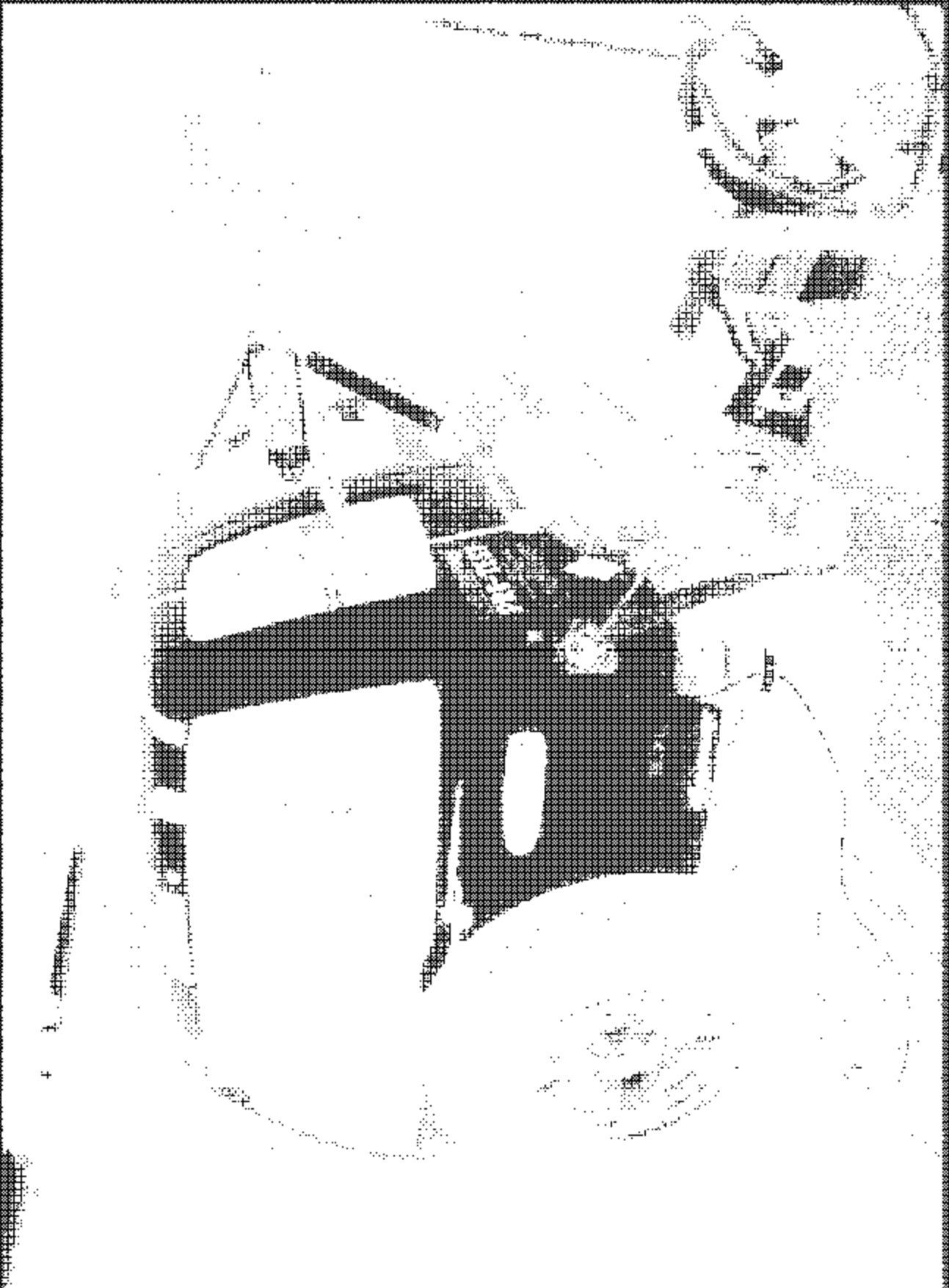
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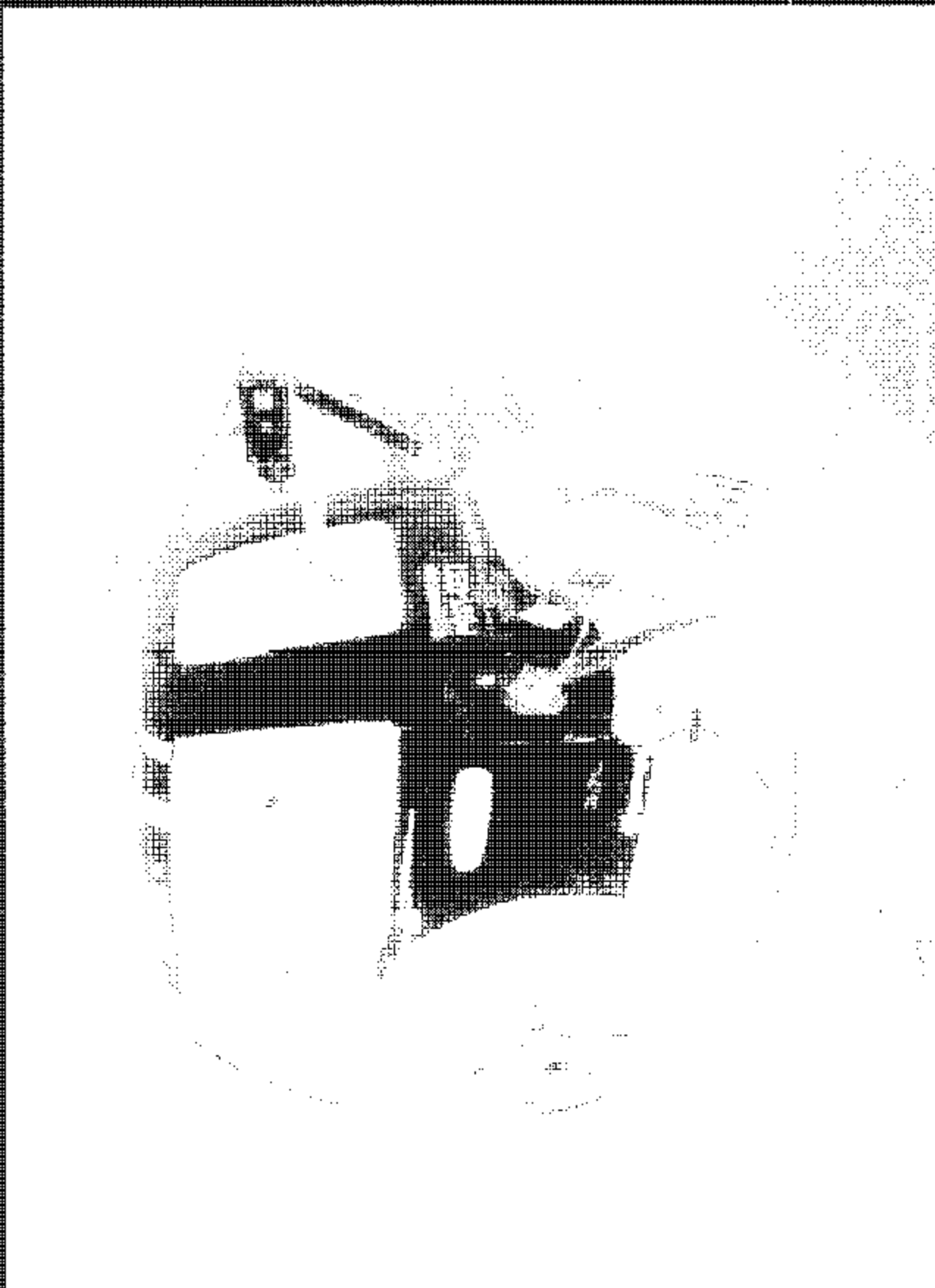
Pre-Test Left Rear Three-Quarter View of Test Vehicle



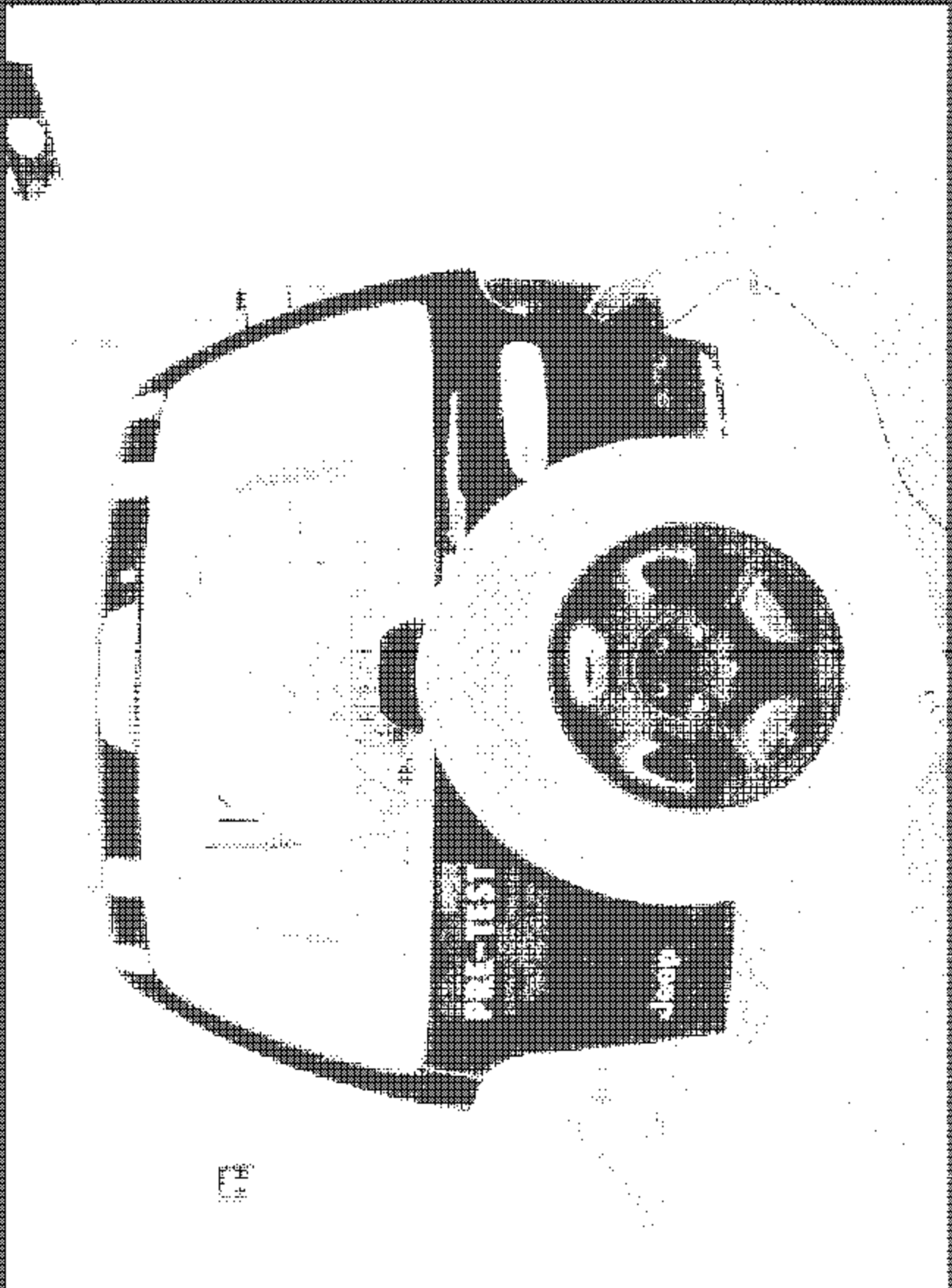
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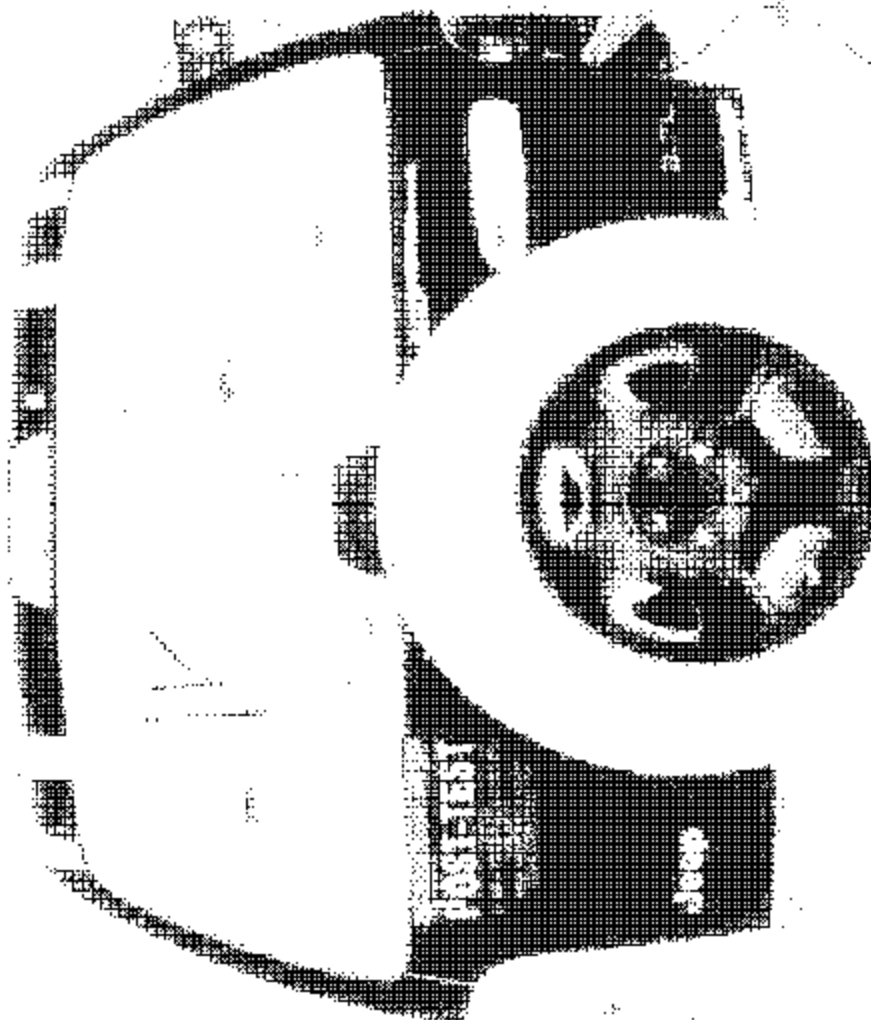
Pre-Test Right Rear Three-Quarter View of Test Vehicle



Post-Test Right Rear Three-Quarter View of Door After Impact



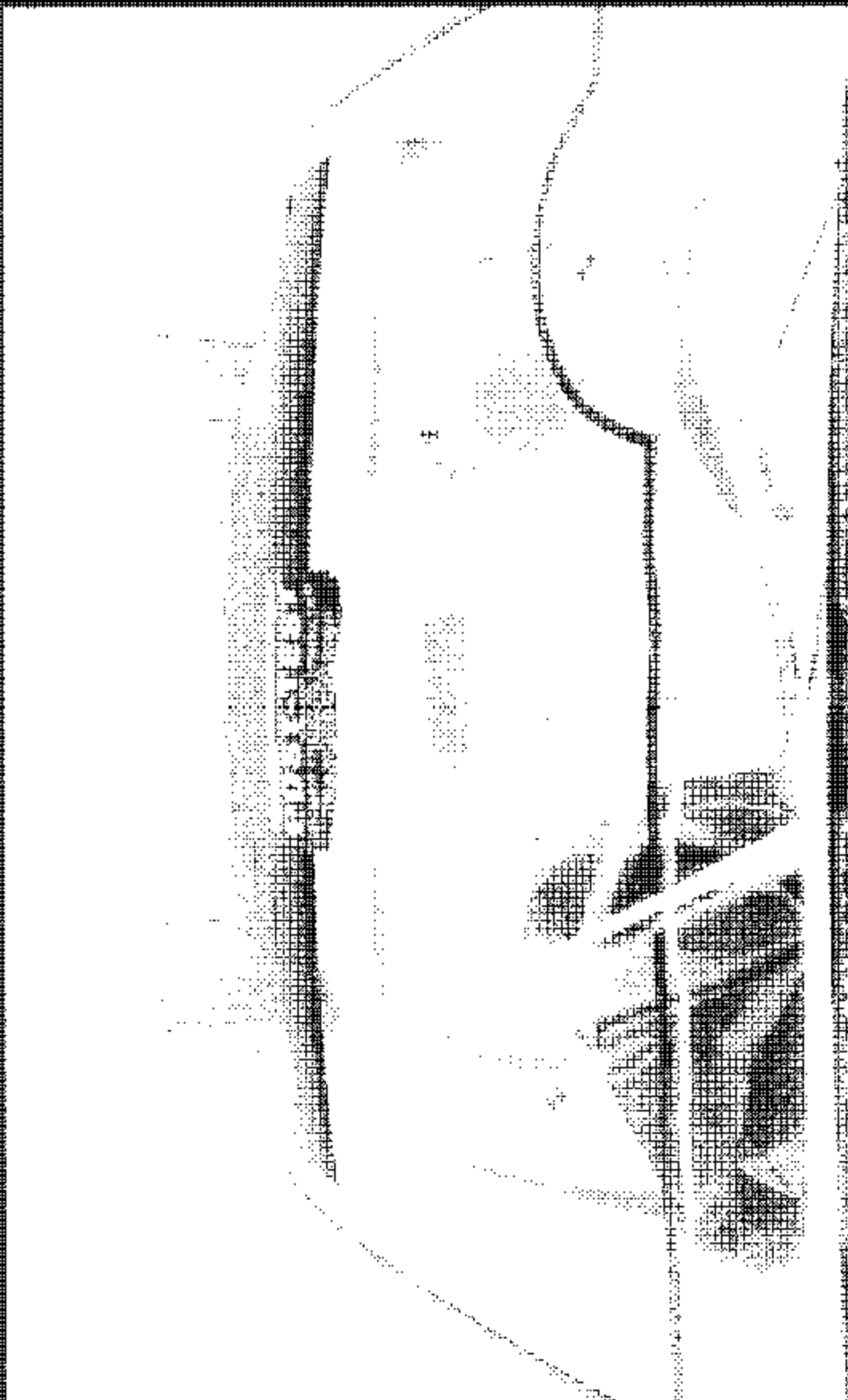
Pre-Test Rear View of Test Vehicle



Post-Test Rear View of Test Vehicle



Pre-Test Windshield View



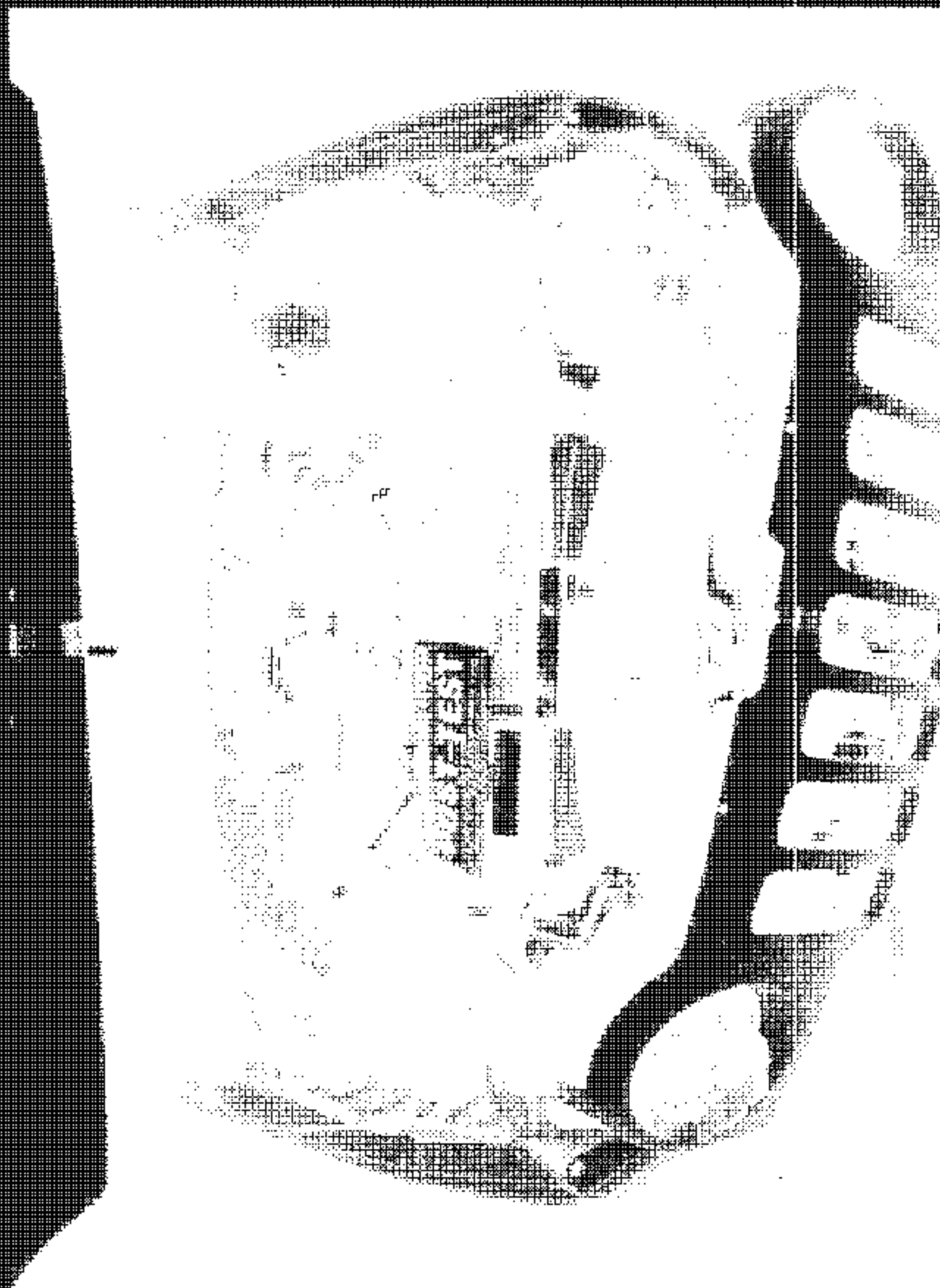
ASST. CHIEF OF POLICE, NEW YORK CITY

Post-Test Windshield View



Pie-Test Engine Compartment View

Post-Test Engine Compartment View





W-TEST

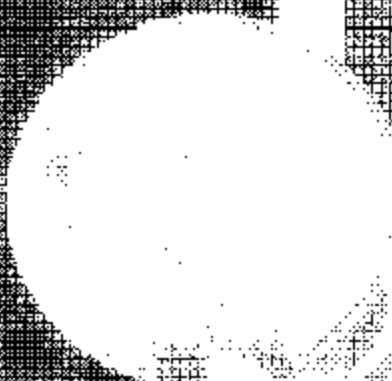
C40300
25 MPH FRONTAL UNBELTED
Q4022701
NCA RESEARCH CORP.
2004 JEEP LIBERTY

Pre-Test Fuel Filler Cap View

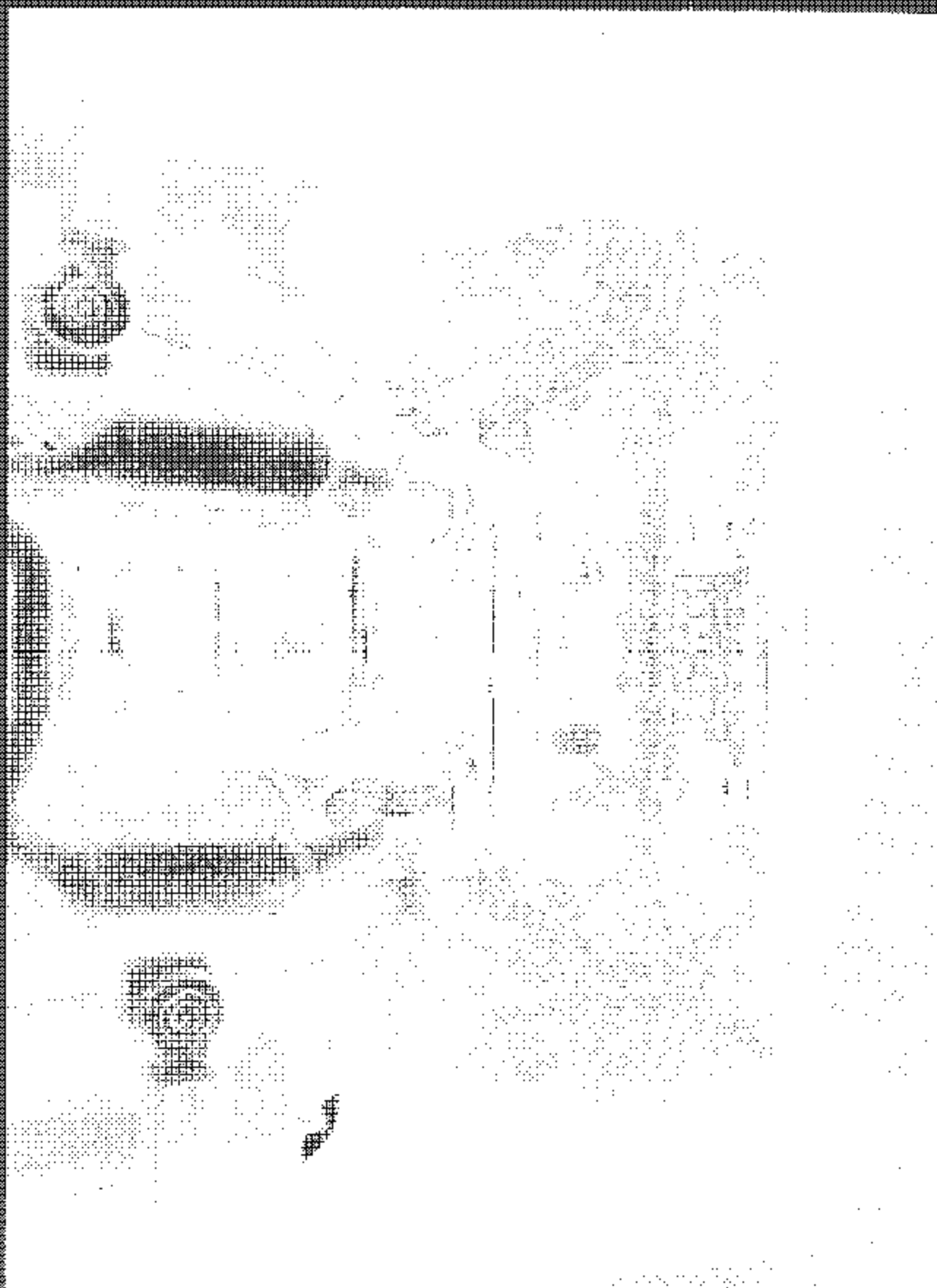
POST-TEST

26 METERONAL LIMITED

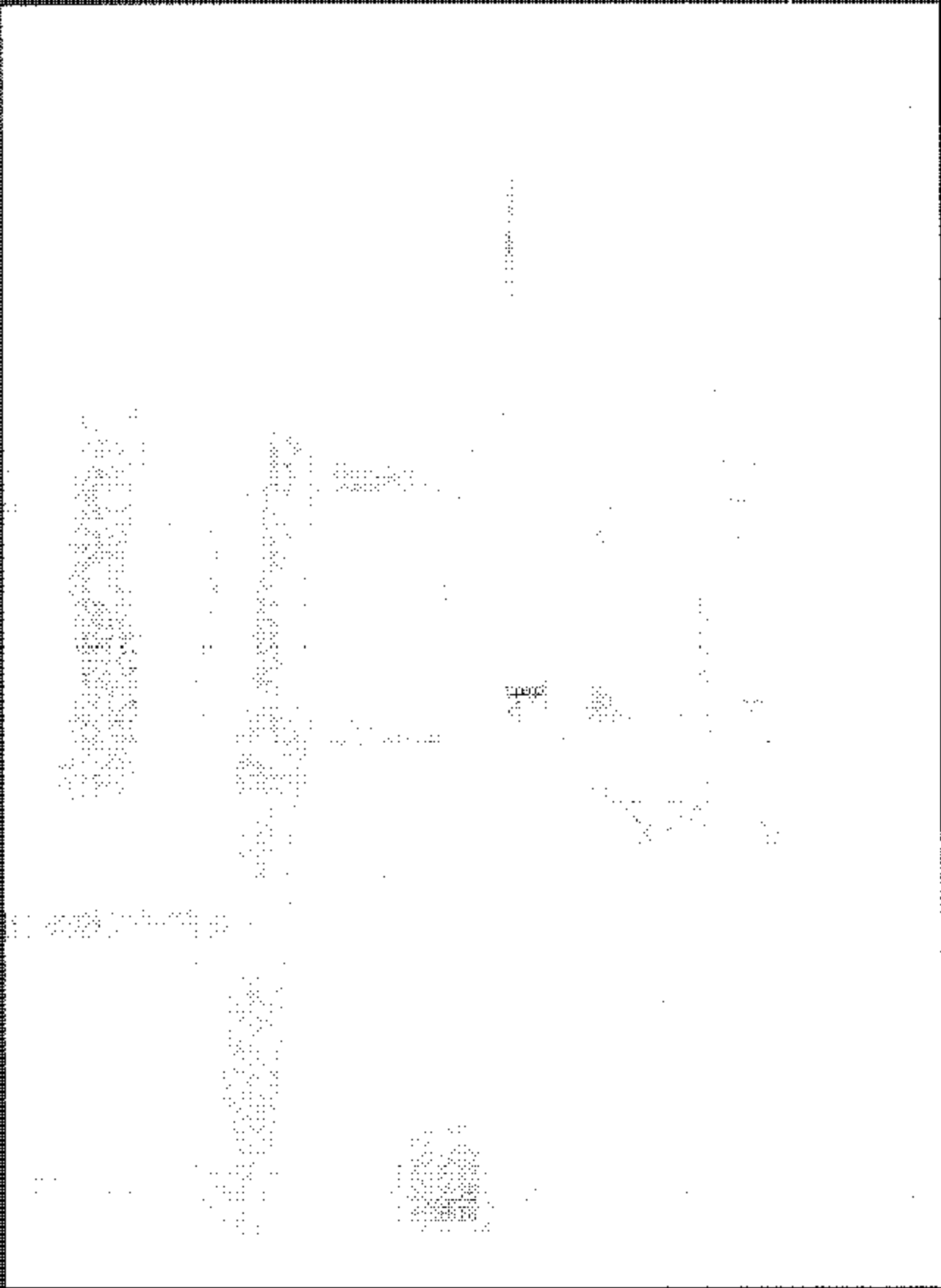
MCA RESEARCH CORP.
3004 JEFF. LIBERTY



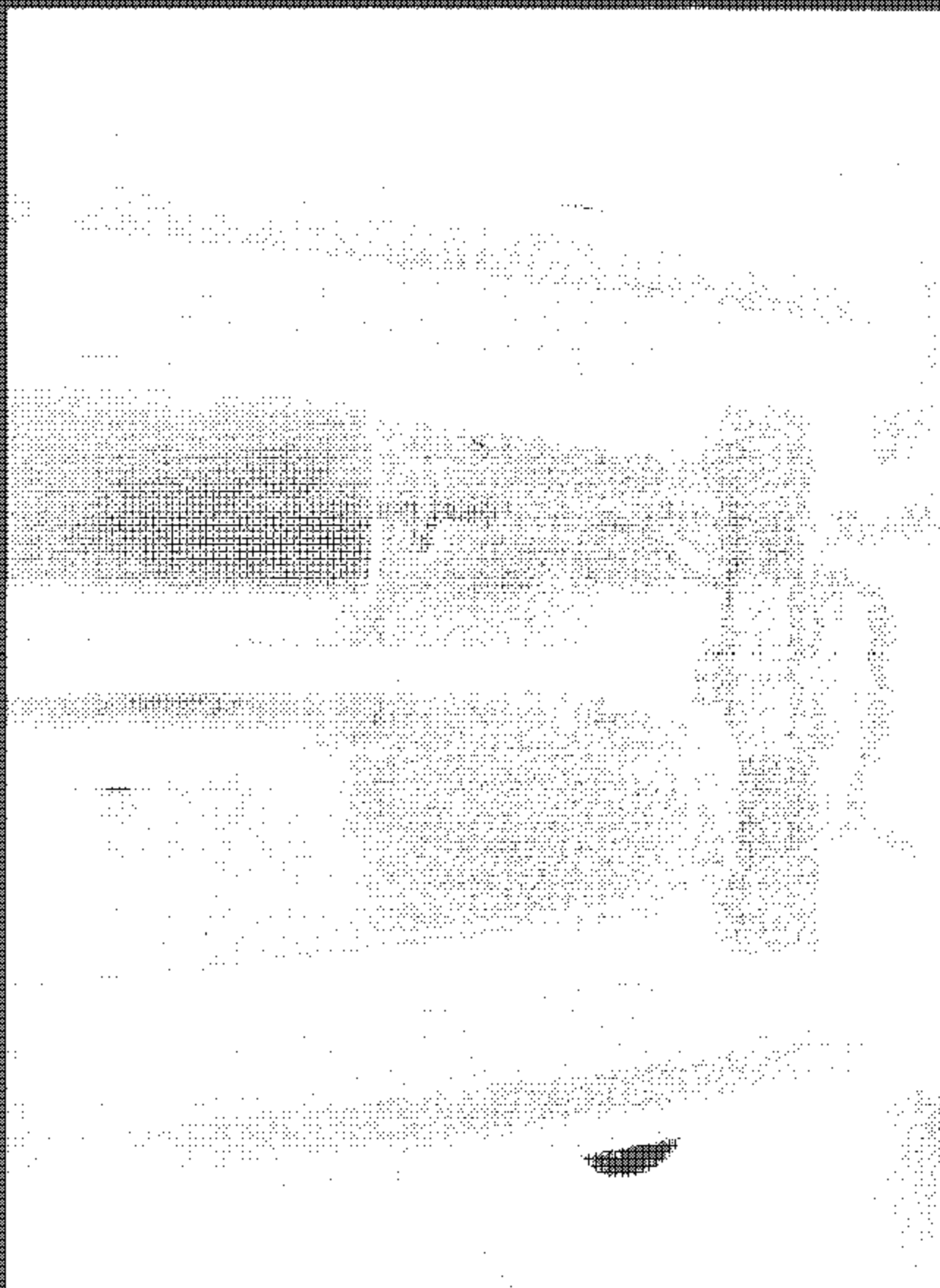
Post-Test Fuel Filler Cap View



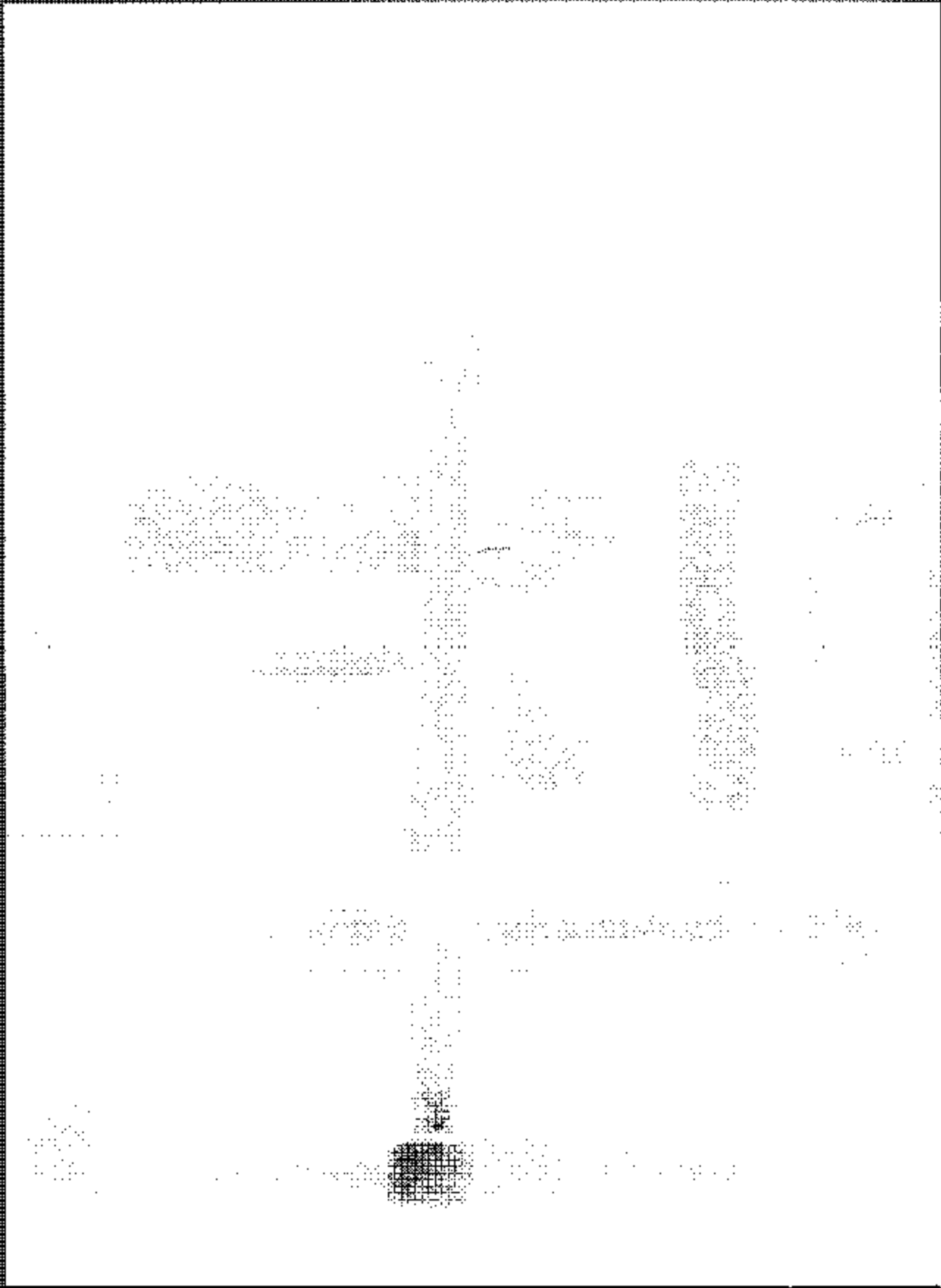
Pre-Test Front Underbody View



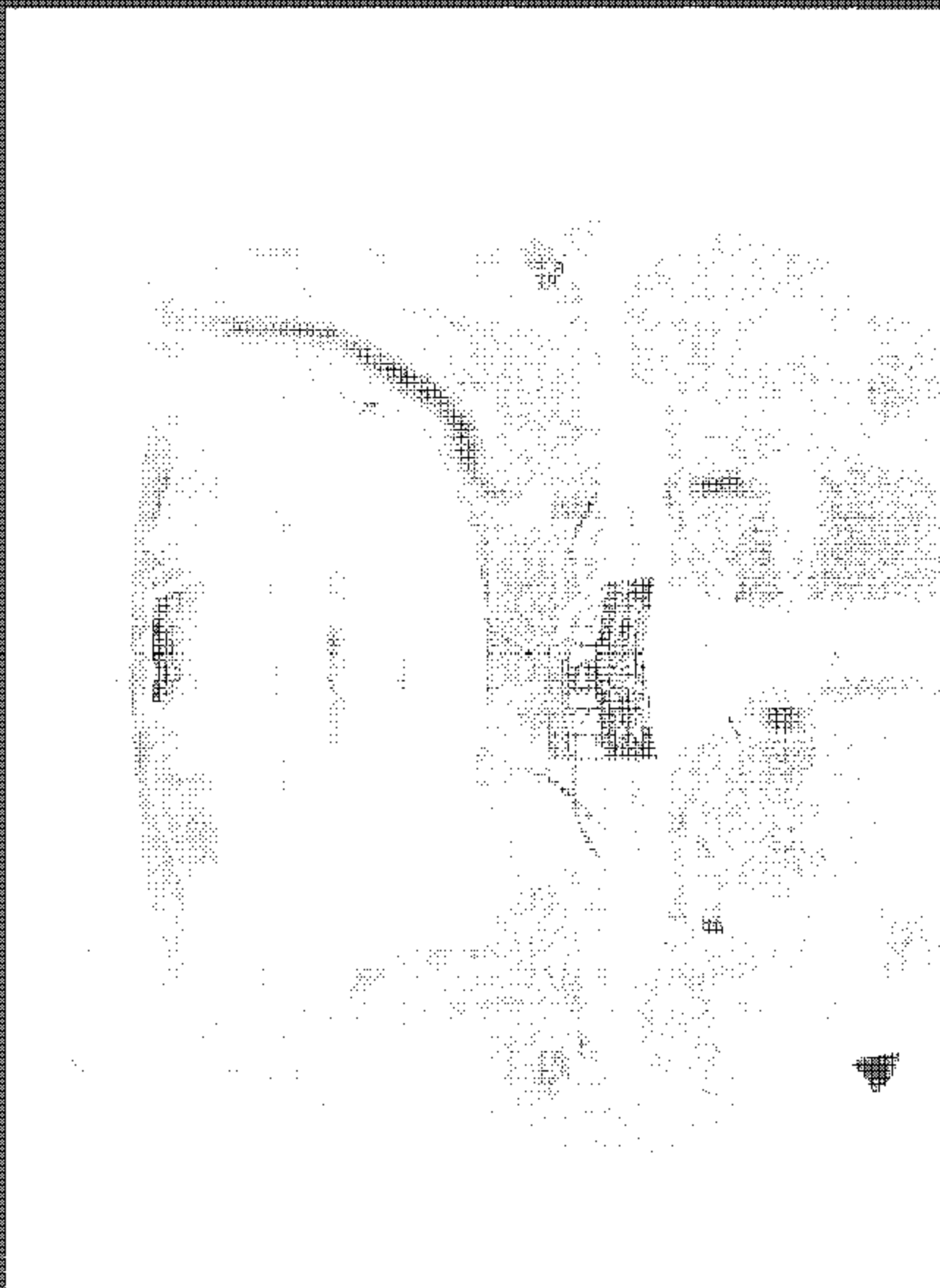
Post-Test Front Underbody View



Pre-Test Mid Underbody



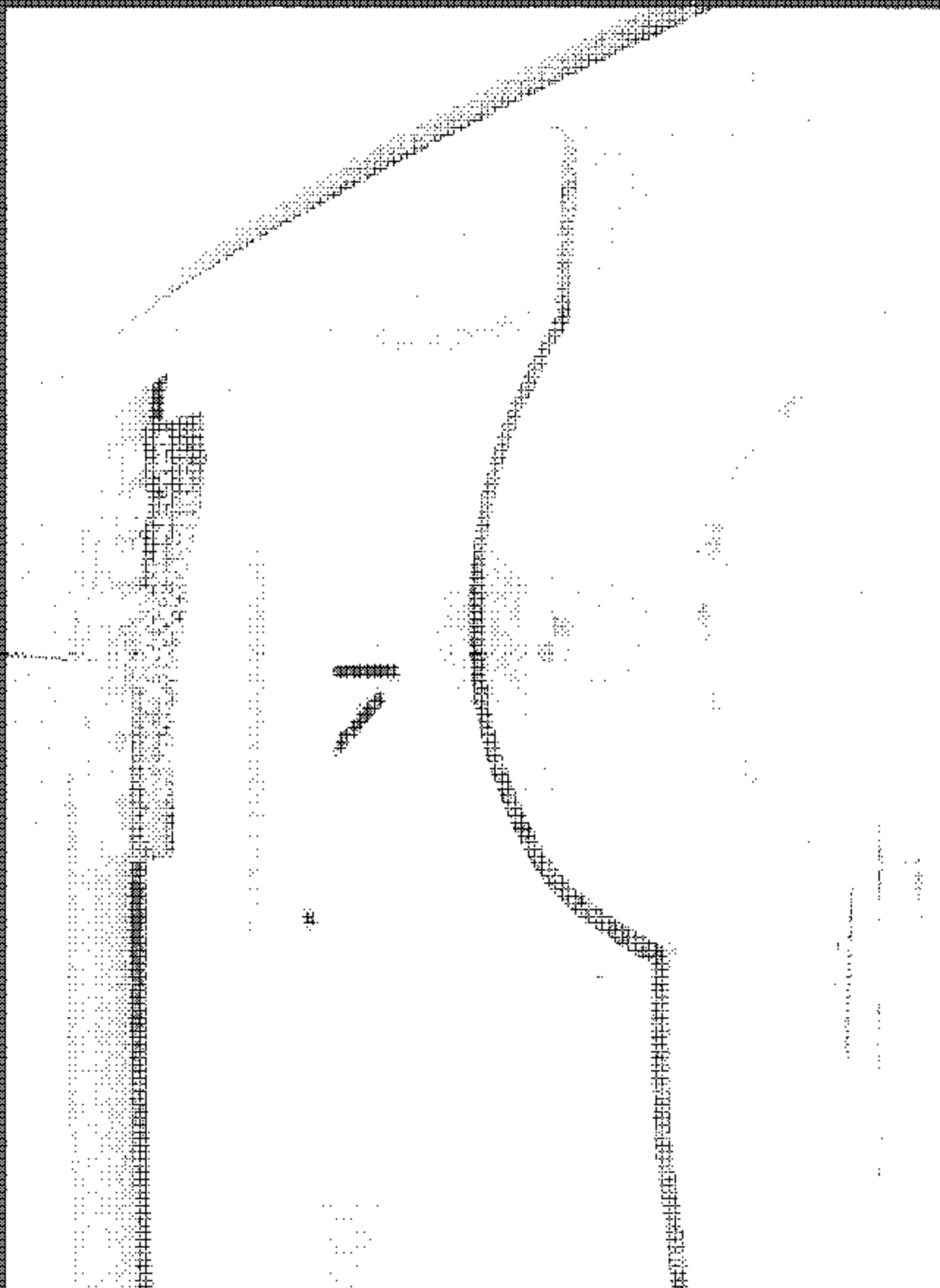
Post-Test Mid Underbody



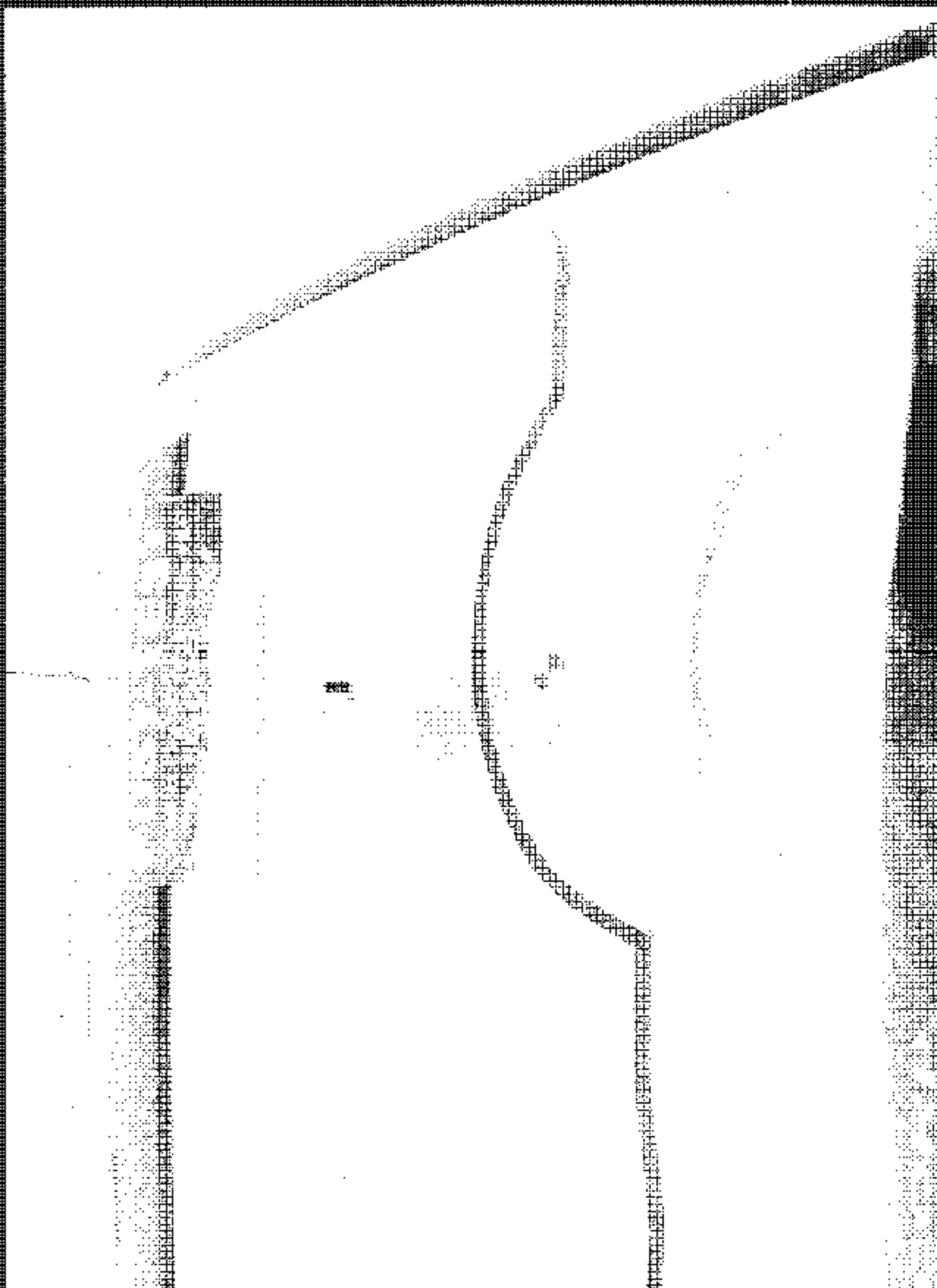
Pre-Test Rear Underbody View



Pre-Test Fuel Tank View



Pre-Test Driver Dummy Front View (head position)



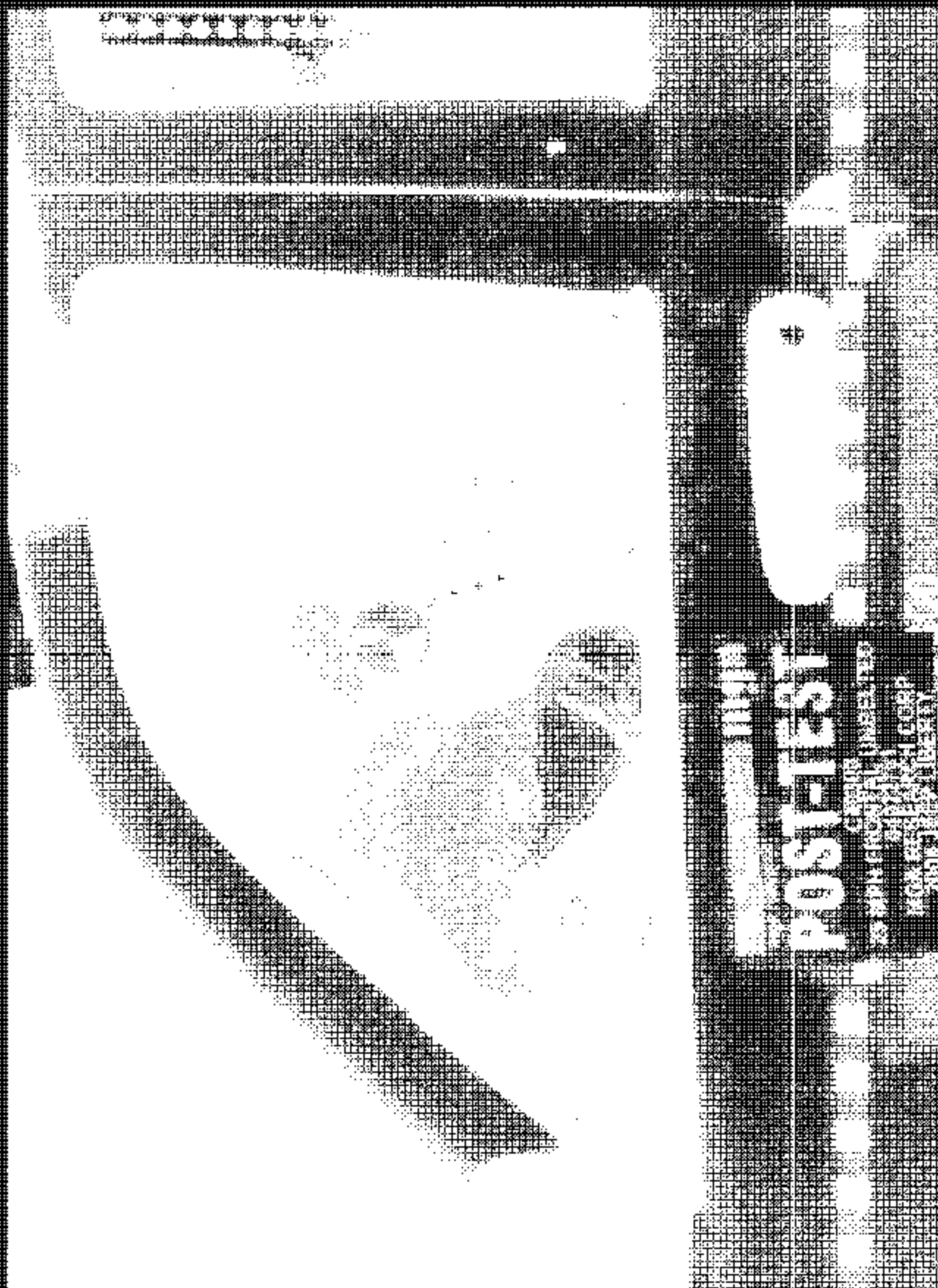
Post-Test Driver Dummy Front View (head position)



PRE-TEST

C40300

Pre-Test Driver Dummy Position Left Side View

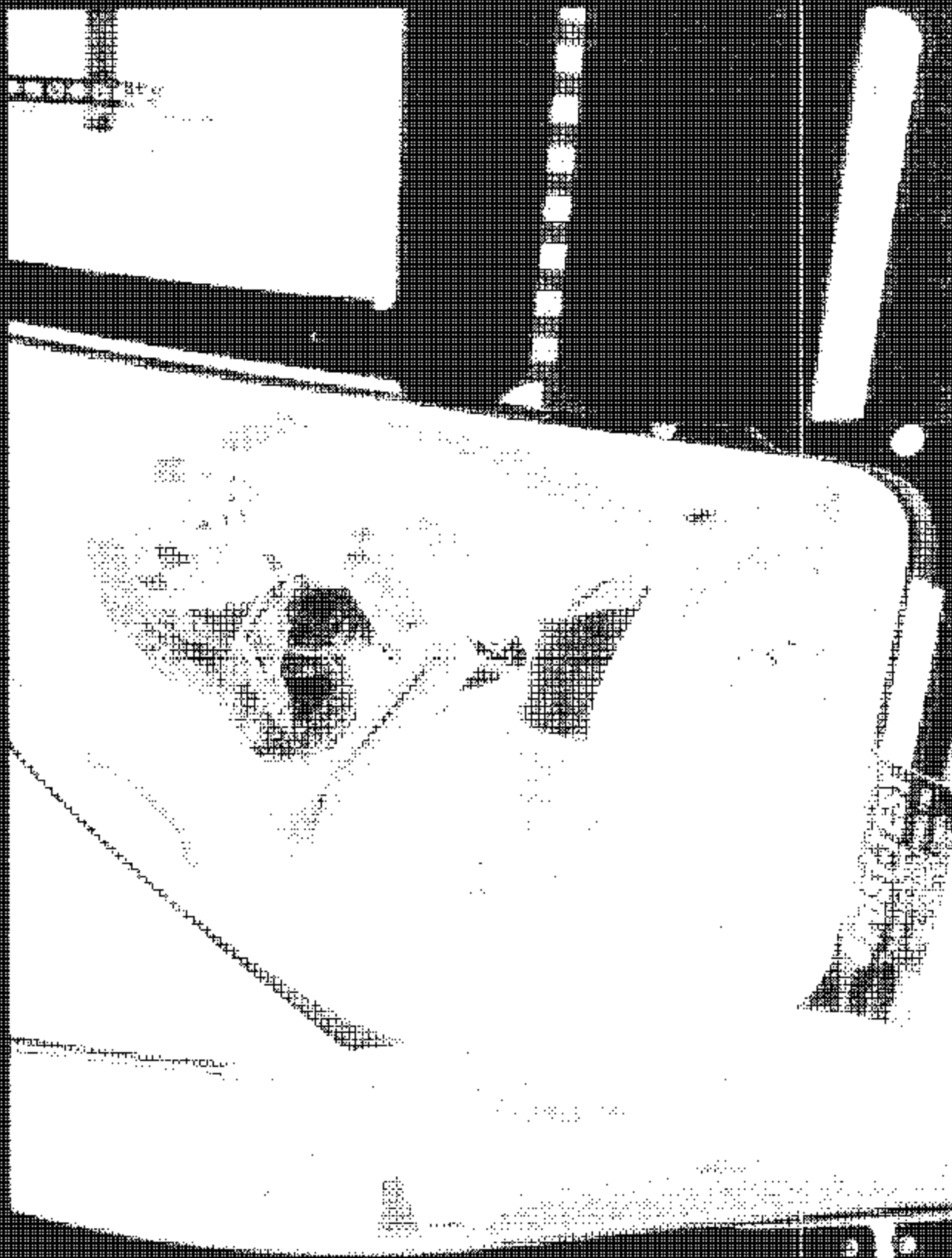


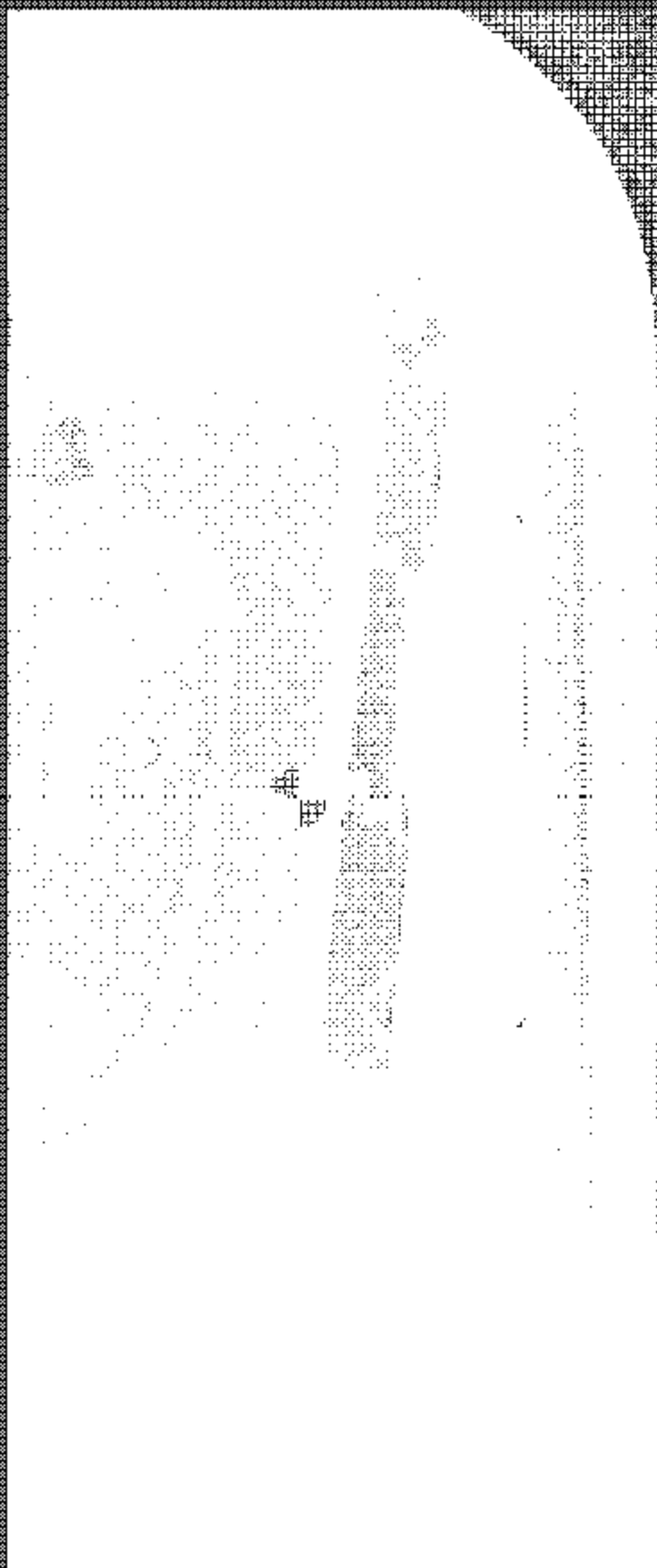
Post-Test Driver Dummy Position Left Side View



Pre-Test Driver Dummy Position Left Side View (Door Open)

Post-Test Driver Dummy Position Left Side View (Door Open)





PRE-TEST

CAUTION
FRONTAL UNBELTED
PASSENGER
NCA RES ARCH CORP.
PIR-ERY

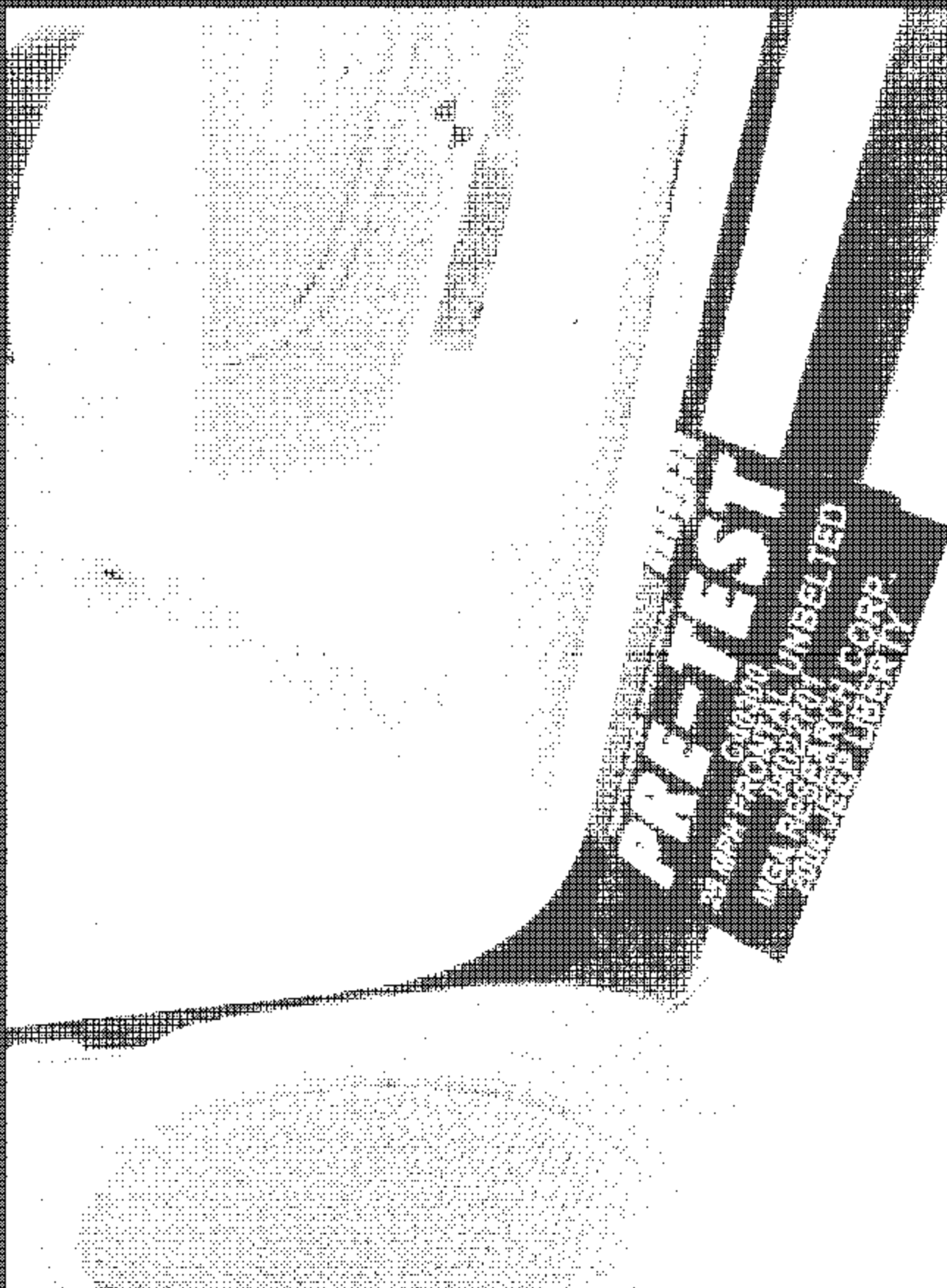
Pre-Test Driver Dummy Seat Position

POST-TEST

C40300
25 MPH FRONTAL UNBELTED
IMPACT

NGA RESEARCH CORP.
LIBERTY

Post-Test Driver Dummy Seat Position

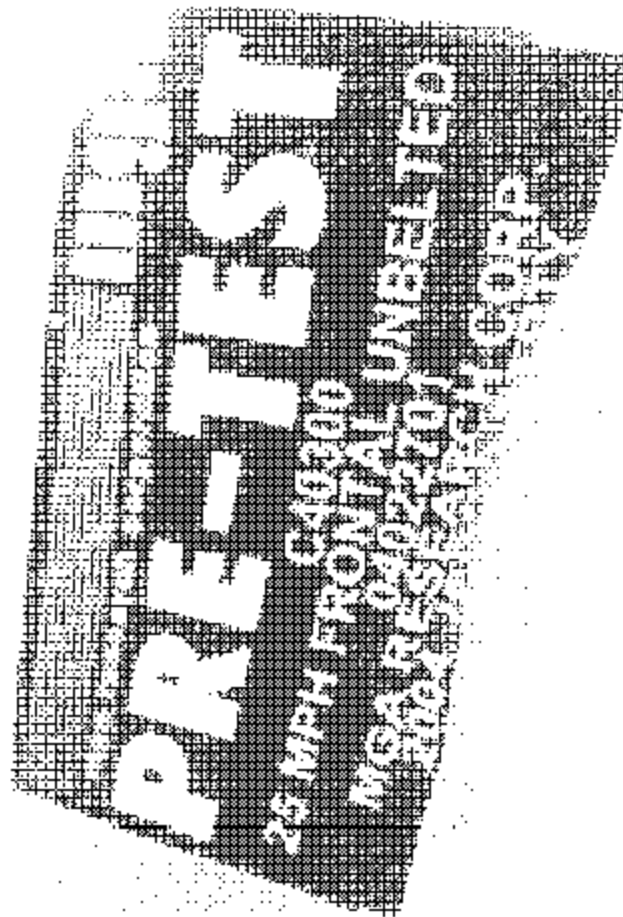


PRE-TEST

25.00M FROM OCEAN
MGA REG. 2012-2013 UNBELTED
SUNGLASSES
SUNGLASSES LIBRARY

Pre-Test Diver Entry Position

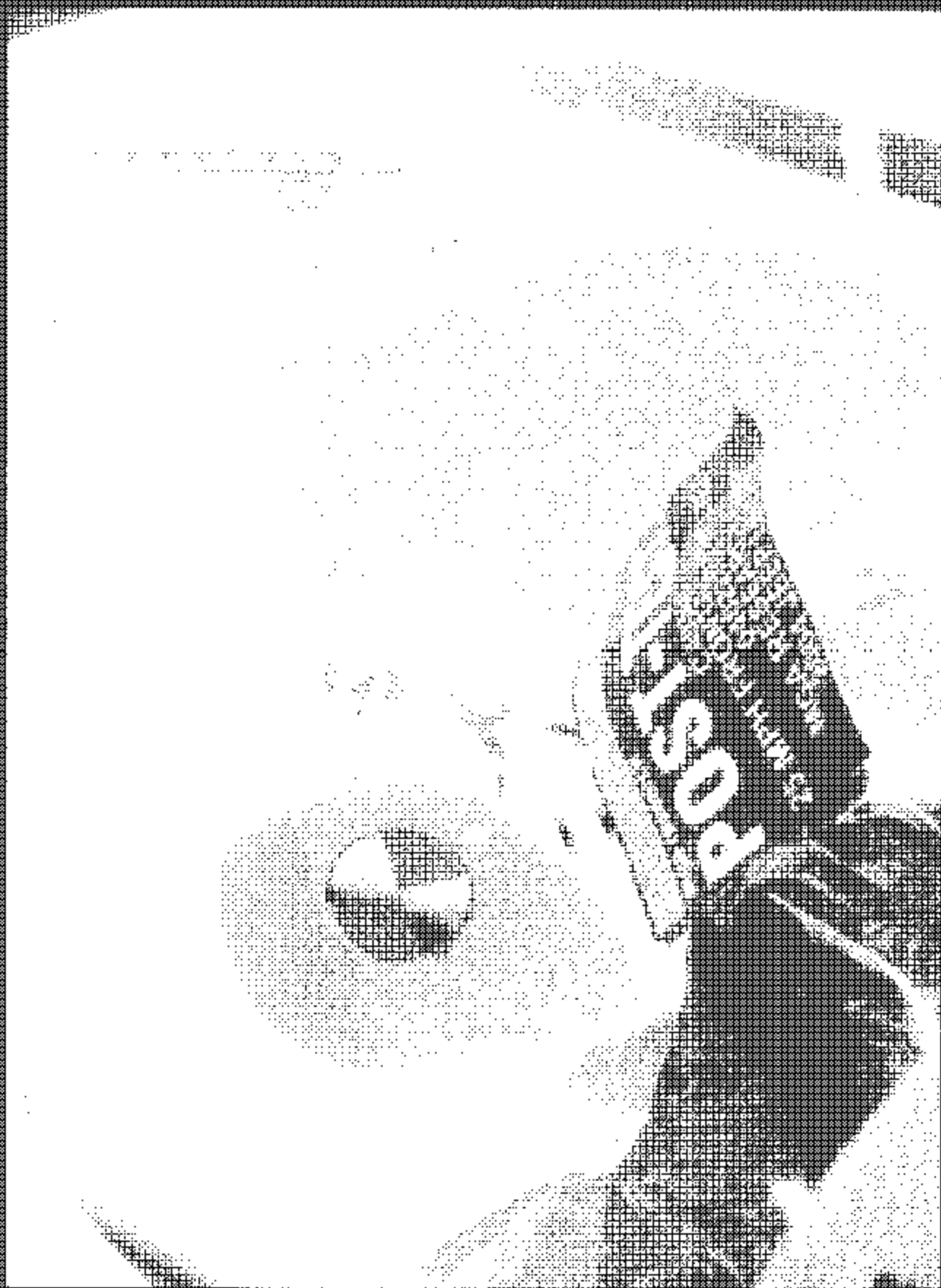
Post-Test Driver Dummy Feet Position



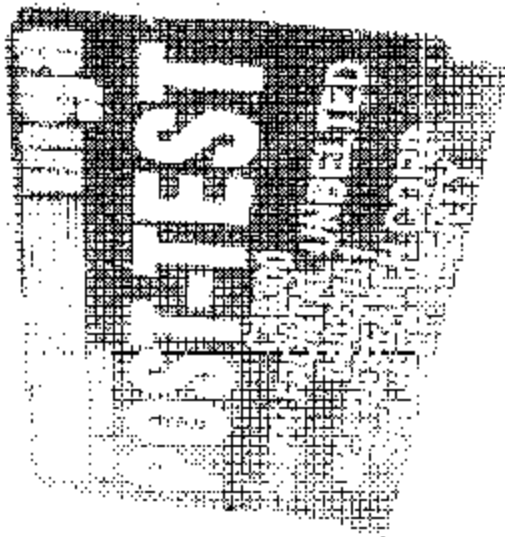
PRE-TEST Driver Side Knee Bolster View



Post-Test Driver Side Knee Bolster View



Post-Test Driver Dummy Head Contact



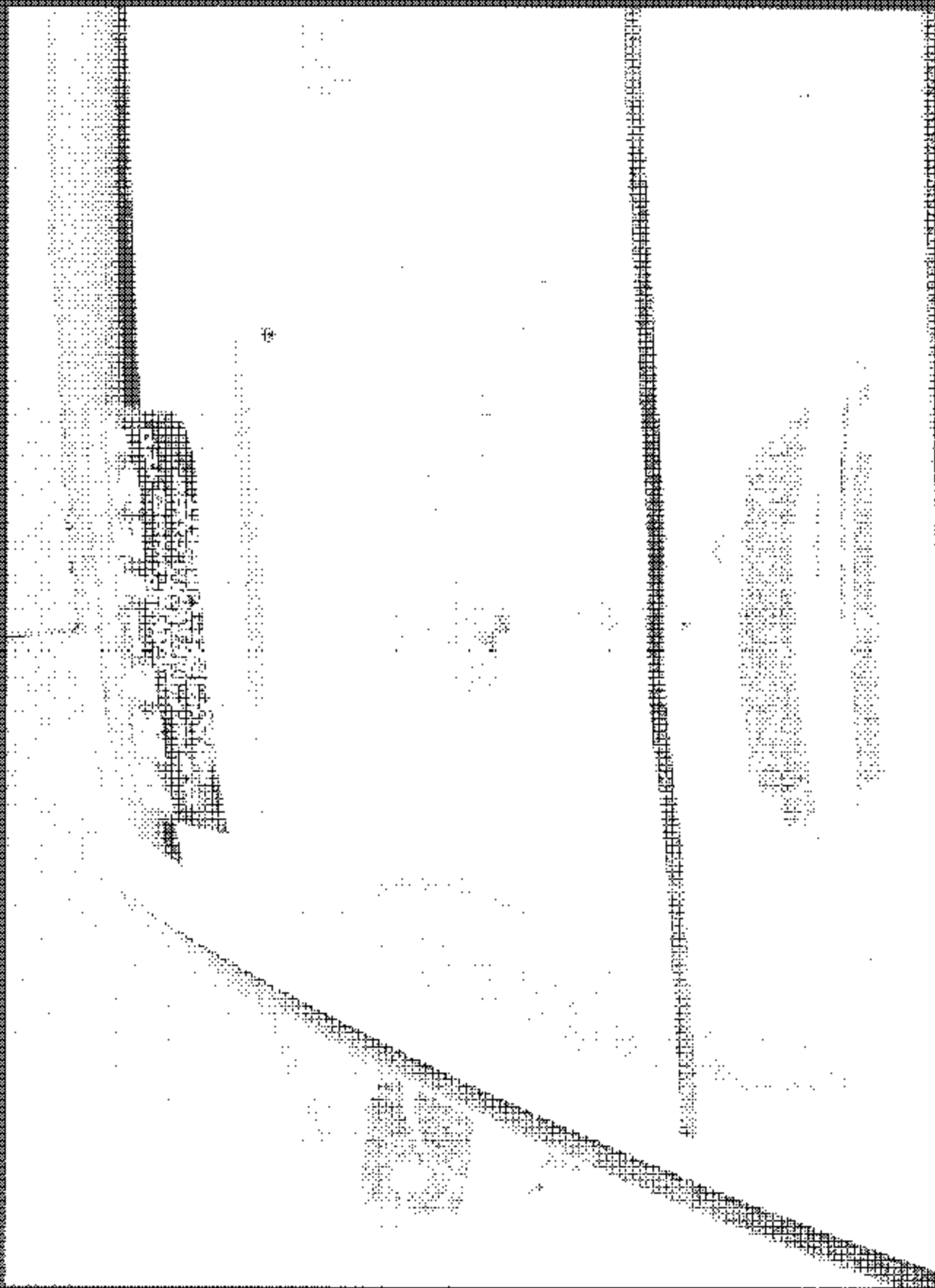
Post-Test Driver Dummy Head Contact



Post-Test Driver Dummy Knee Contact



Post-Test Driver Dummy Airbag Contact



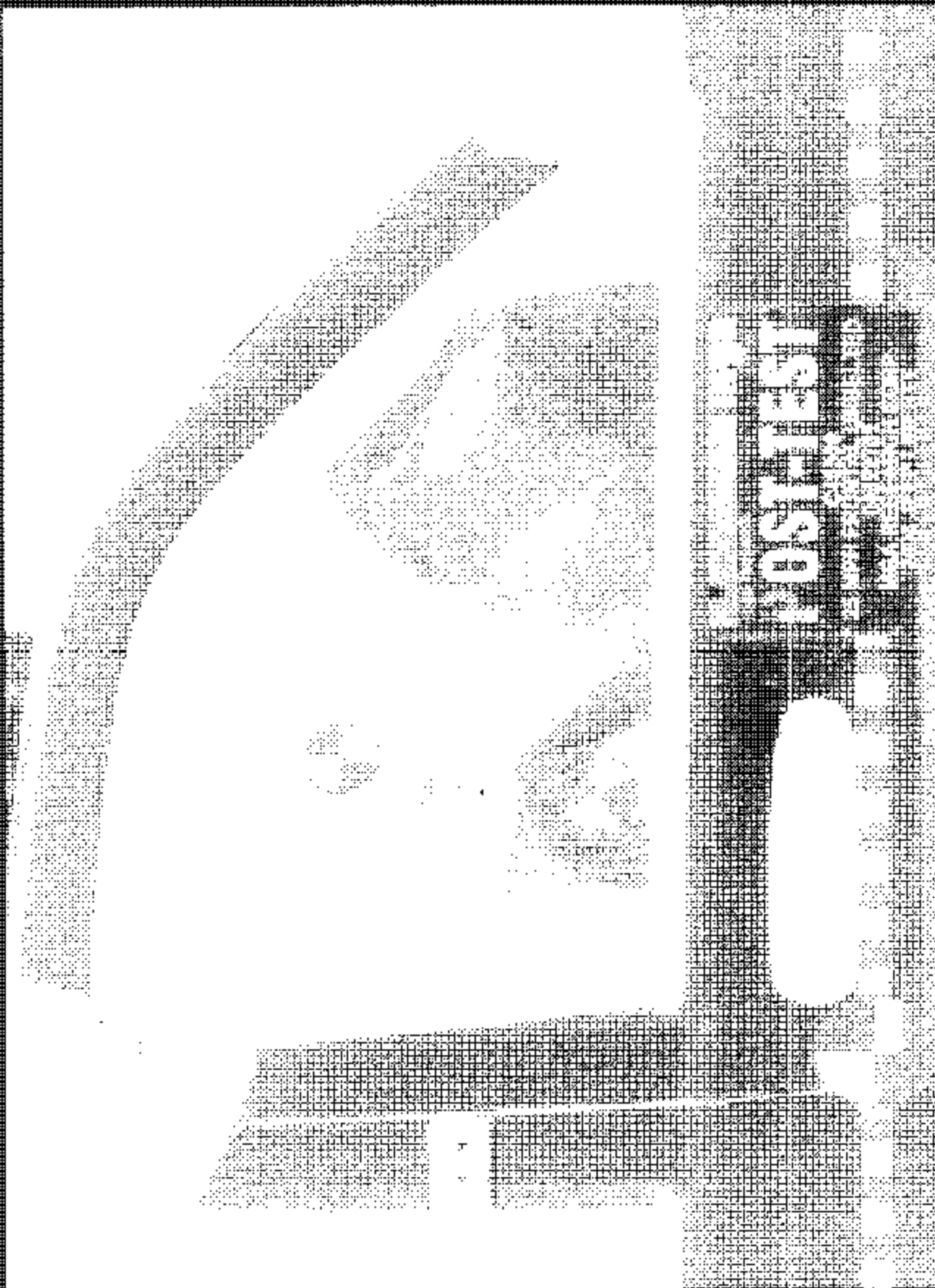
Pre-Test Passenger Dummy Front View (head position)



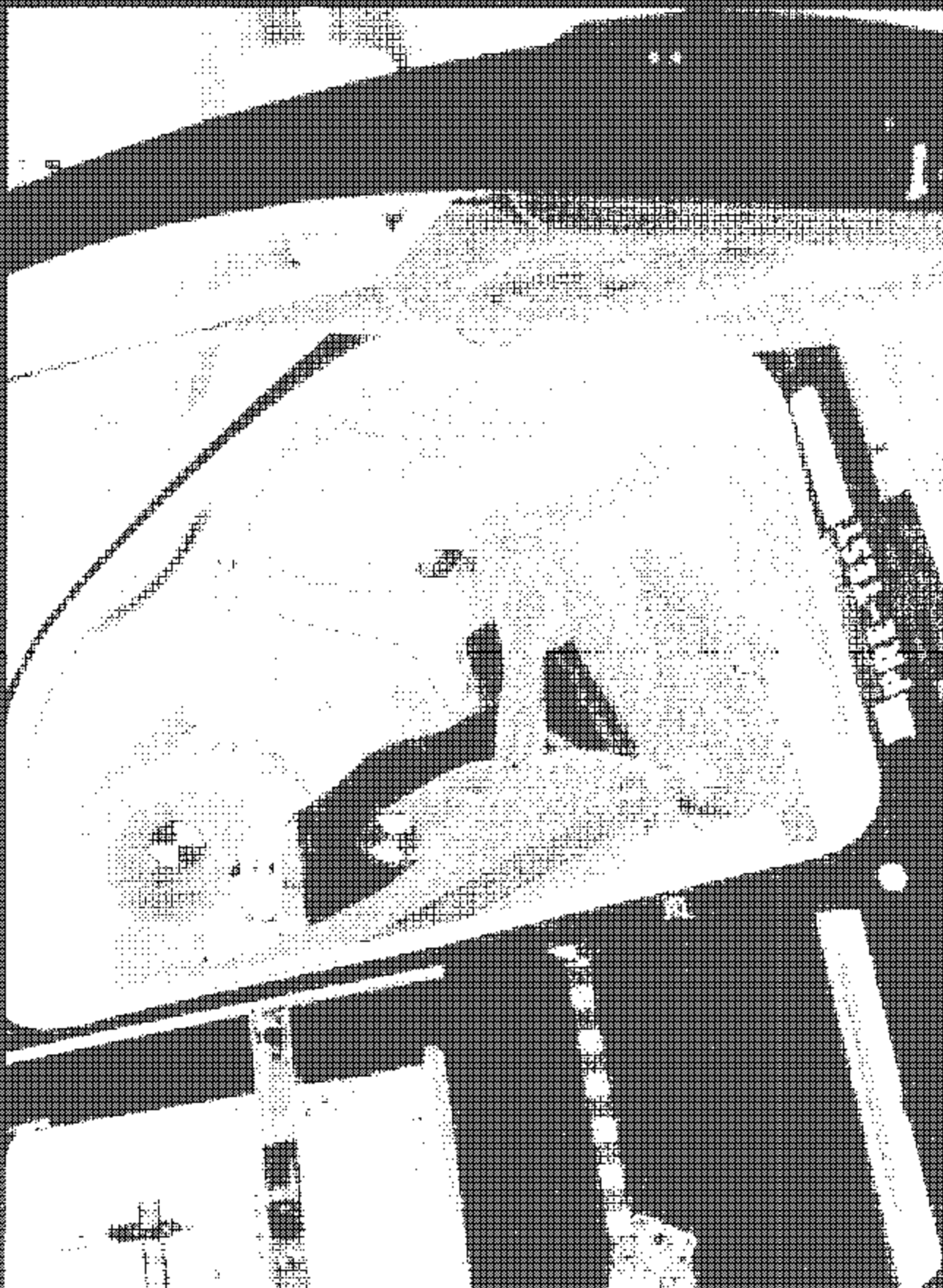
Post-Tait Passenger Dummy Front View (head position)



Pre-Test Position: Dummy Position Right Side View

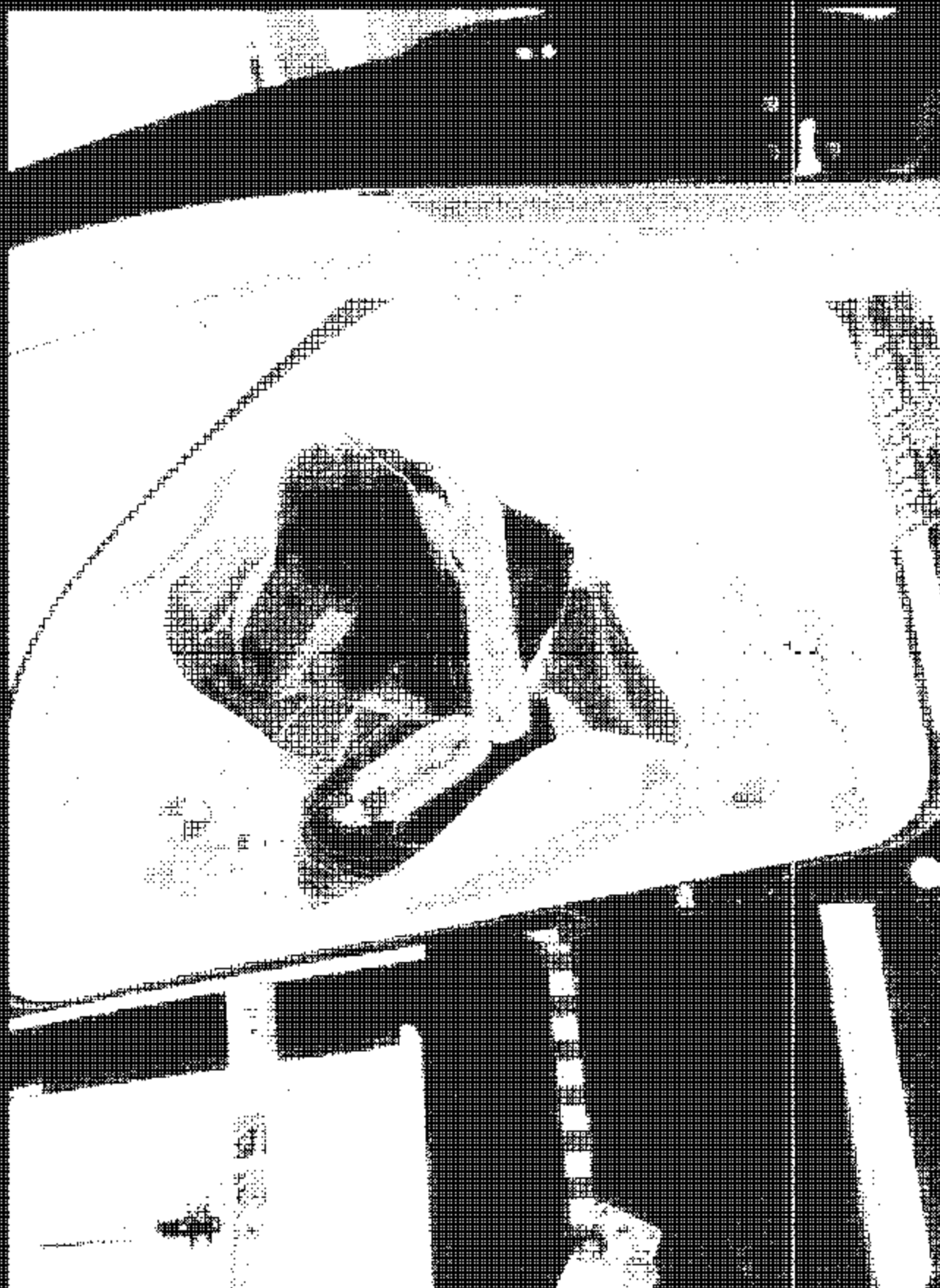


Post-Test Passenger Dummy Position Right Side View



Pre-Test Passenger Dummy Position Right Side View (Door Open)

Post-Test Passenger Dummy Position Right Side View (Door Open)

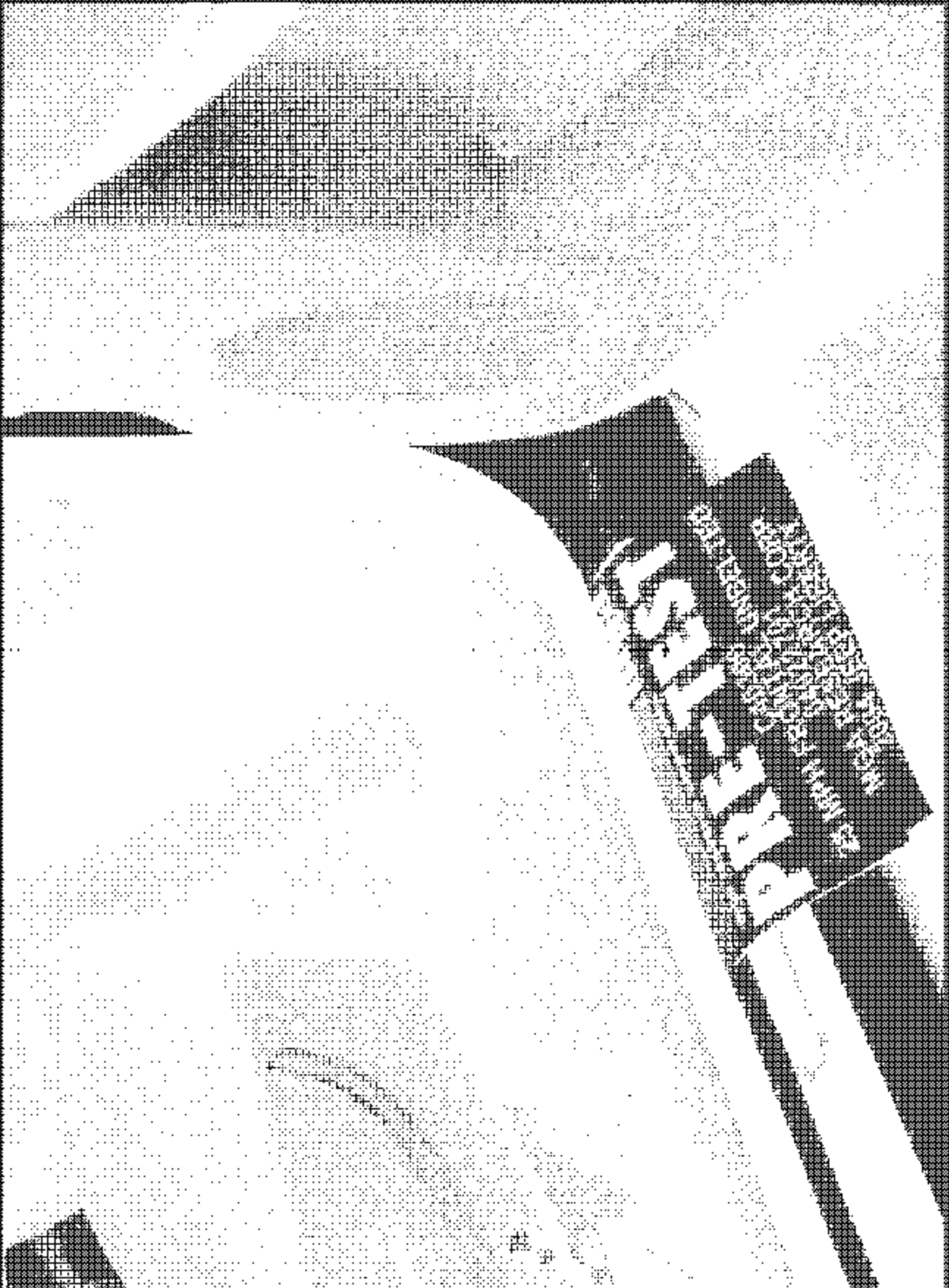




Pre-Test Passenger Dummy Seat Position

POST-TEST
CA0300
25 MPH FRONTAL UNBELTLED
D0022701
MCA RESEARCH CORP
2004 JUNE 10 PM 3:11

Post-Test Passenger Dummy Seat Position



Pre-Test Passenger Dummy Fast Position

Post-Test Passenger Dummy Feet Position

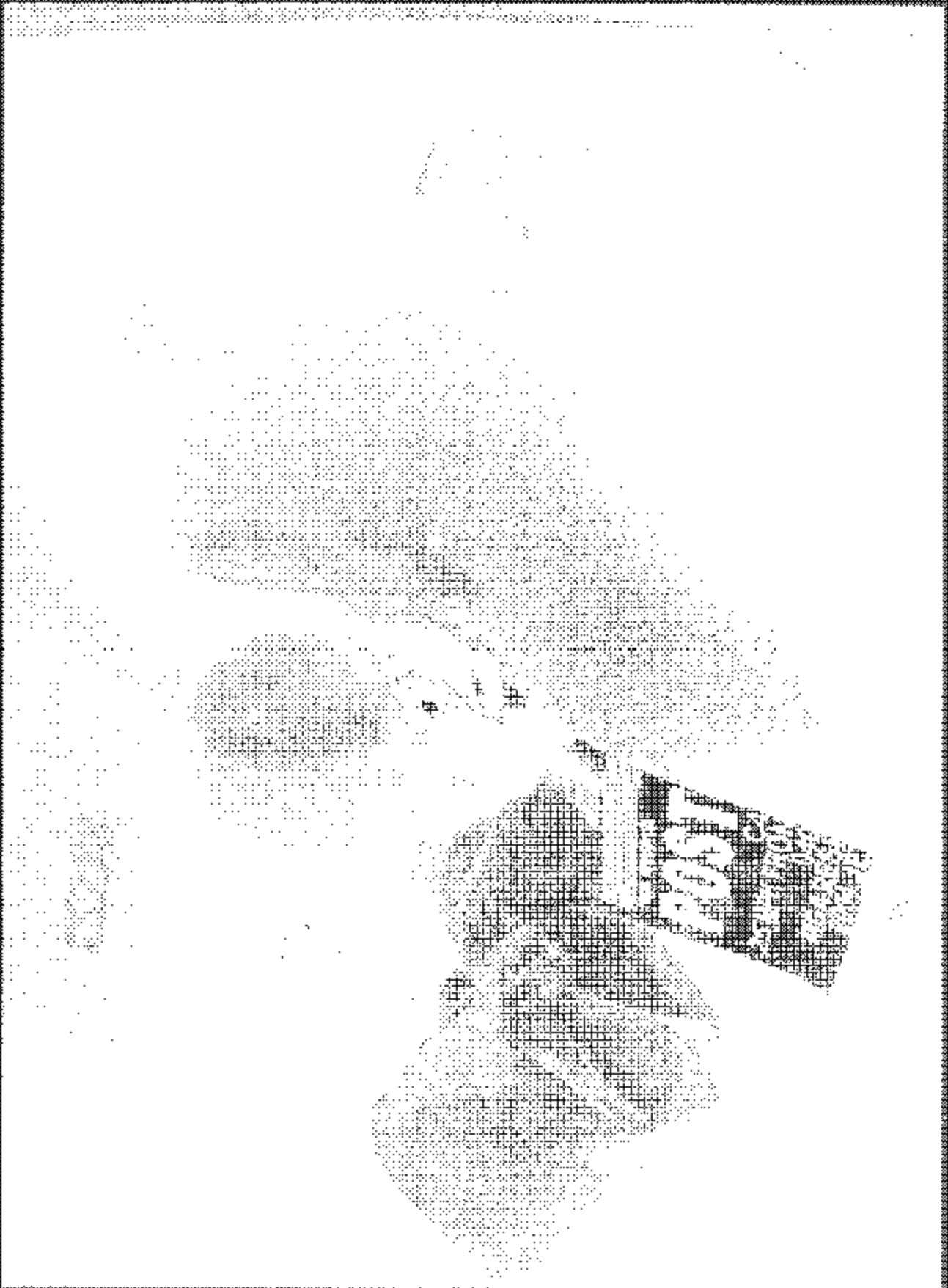




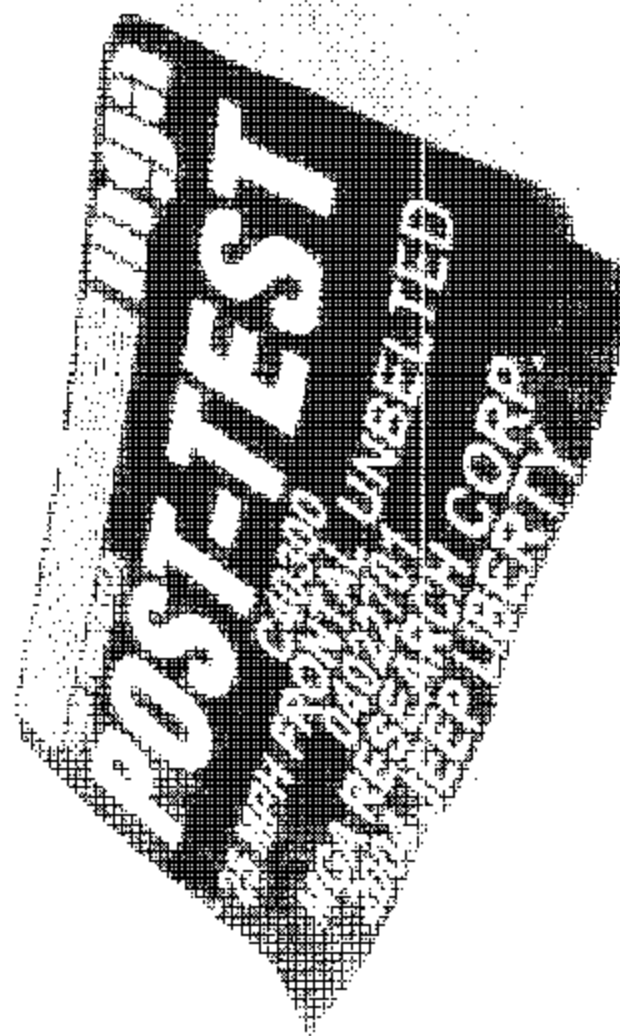
Pre-Test Passenger Side Knee-Booster View



Post-Test Passenger Side Knee Bolster View



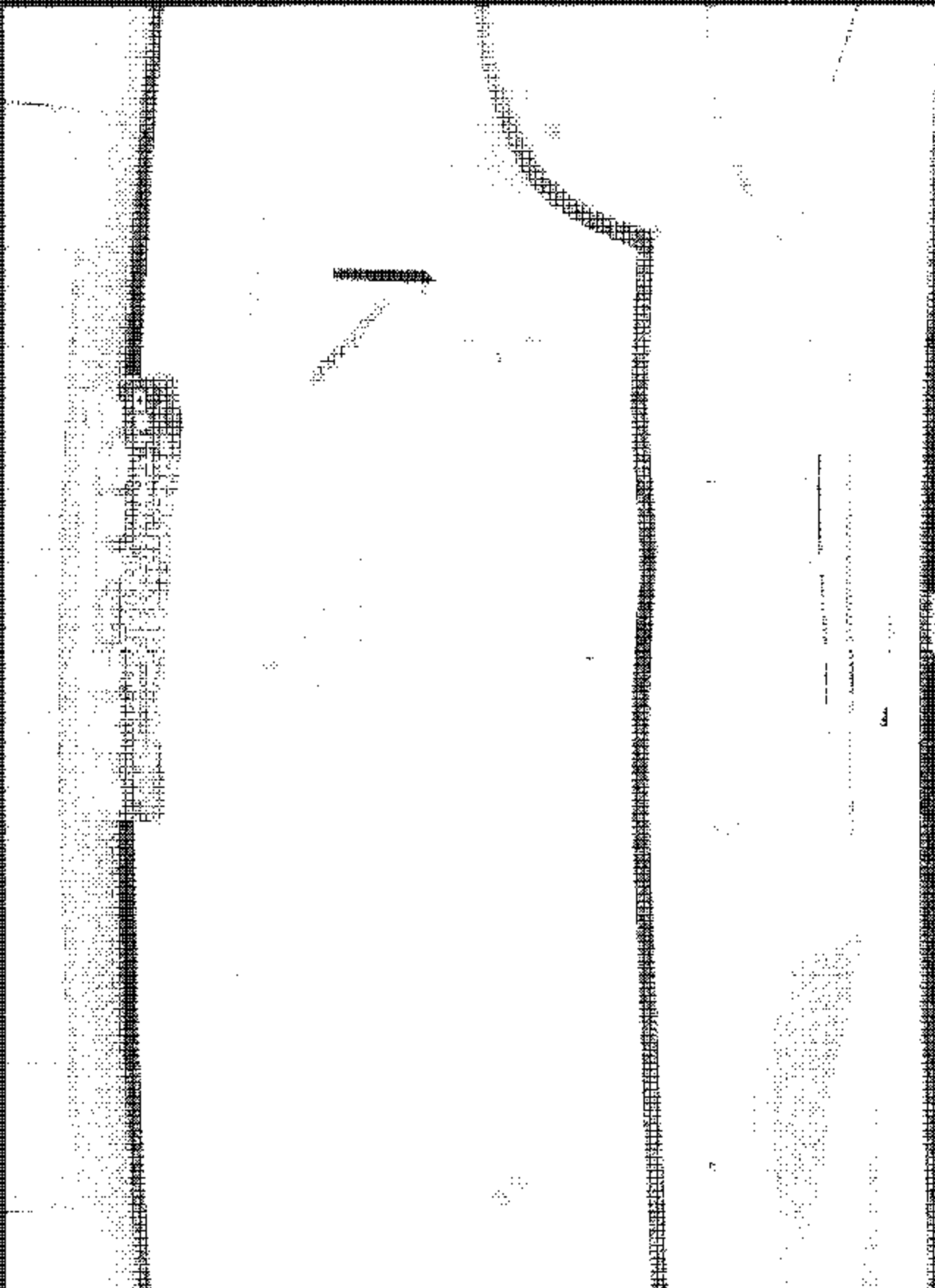
Post-Test Passenger Dummy Head Contact



Post-Test Passenger Dumpy Knob Contact



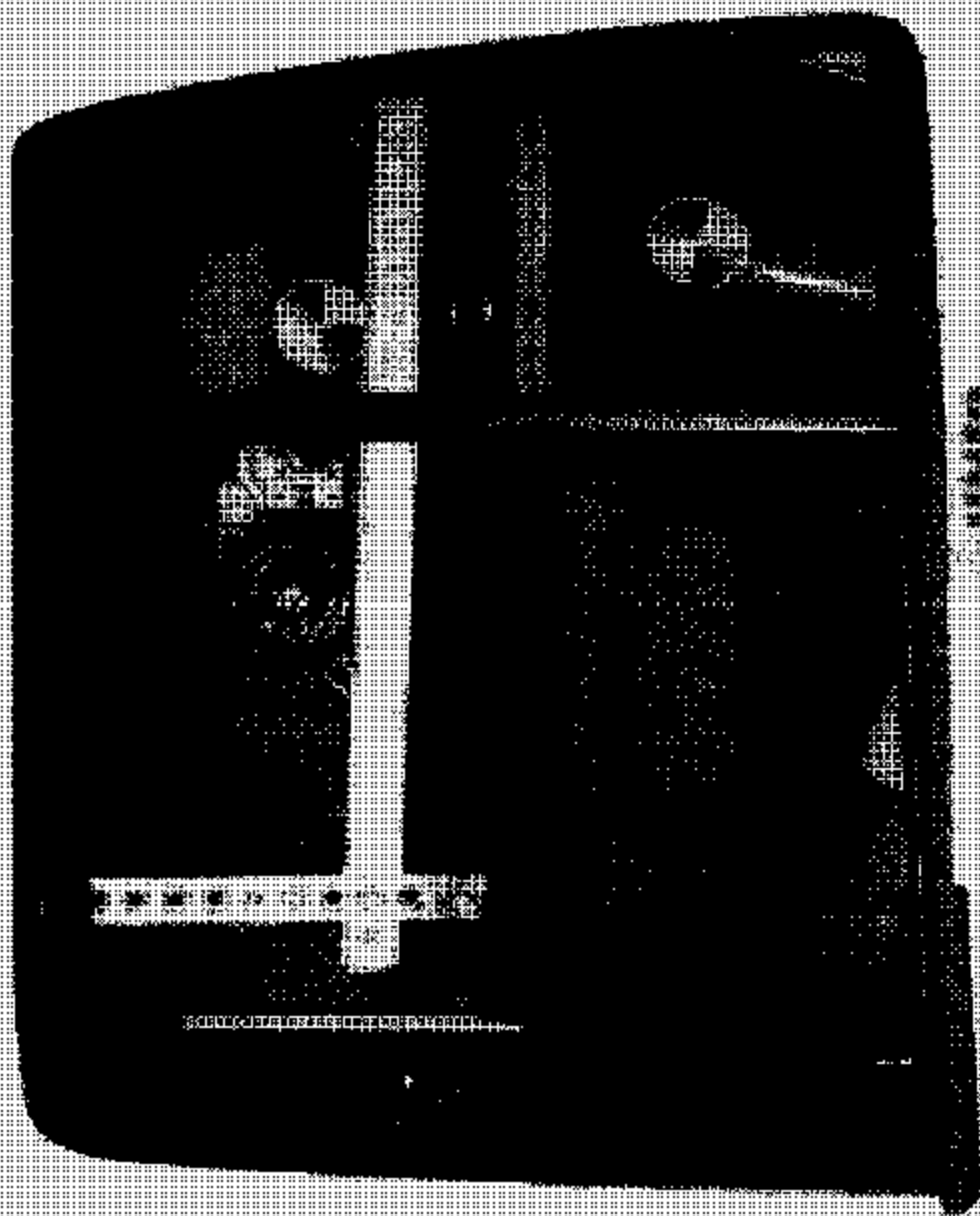
Post-Trauma Passenger Dairney, Alaska Contact



Pre-Test Rear Passenger Dummy Front View (head position)



Post-Test Rear Passenger Dummy Front View (head position)

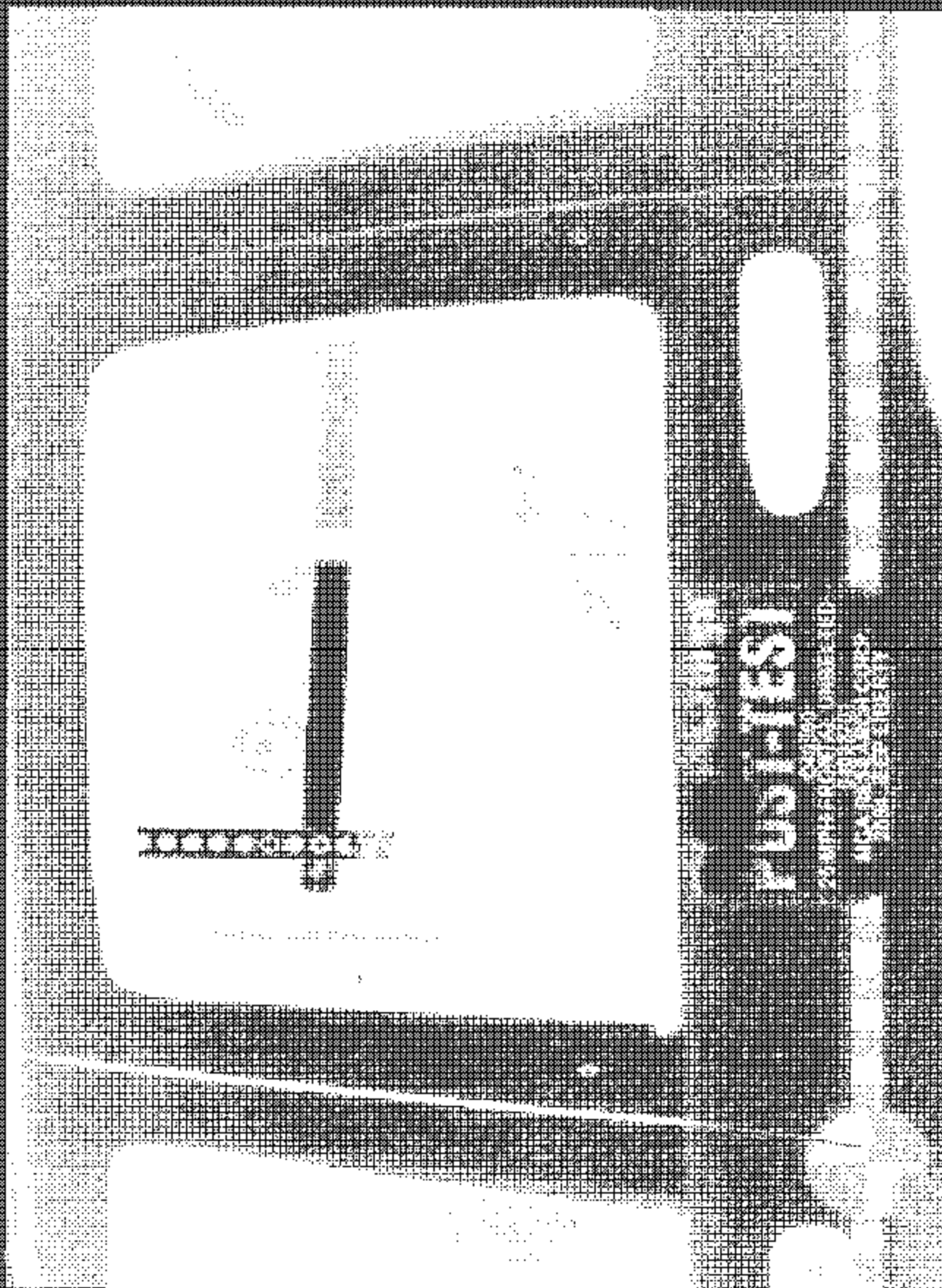


PRE-TEST



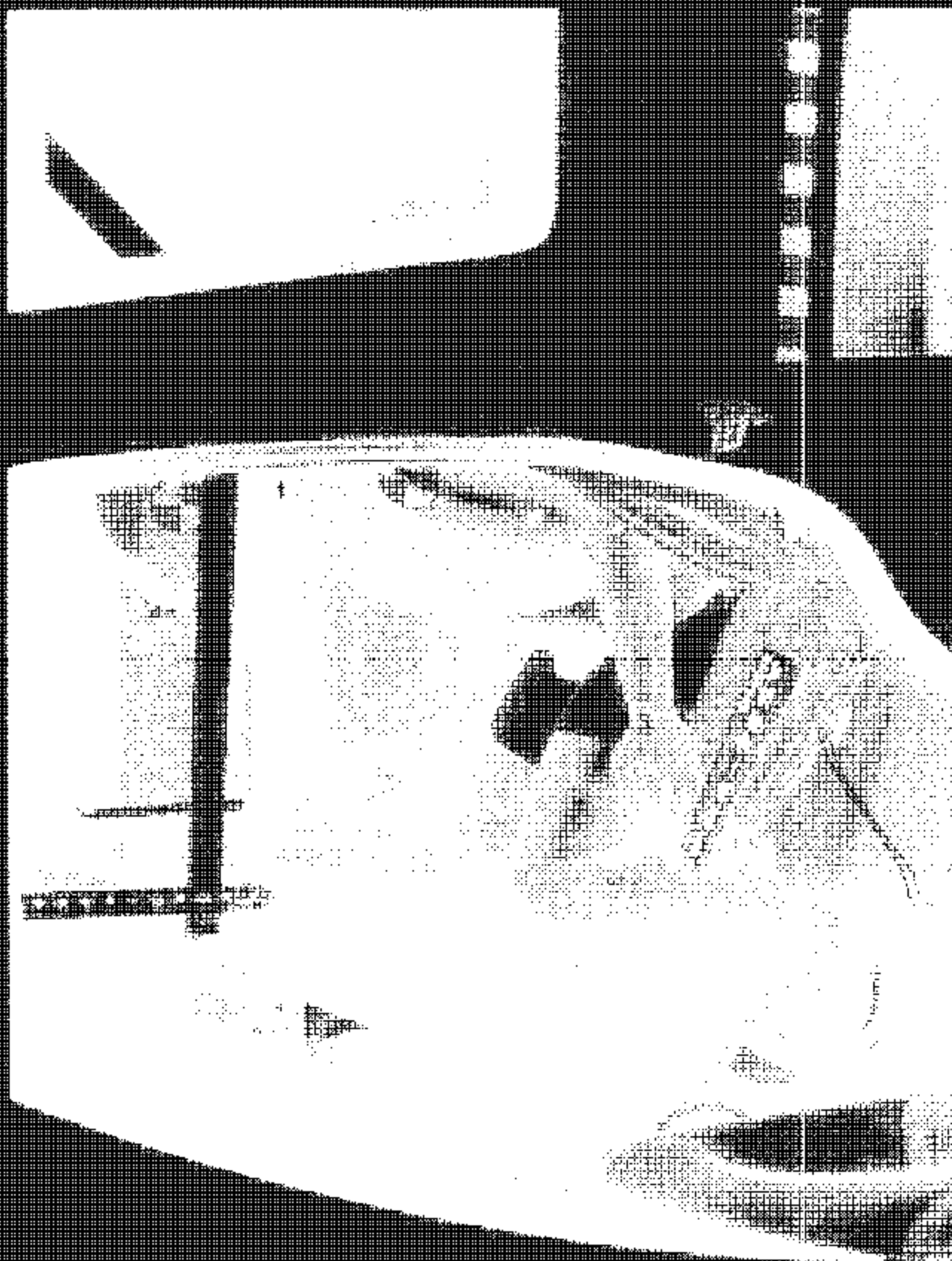
PRE-TEST

Pre-Test Rear Passenger Dummy Position Left Side View



Post-Test Rear Passenger Dummy Position Left Side View

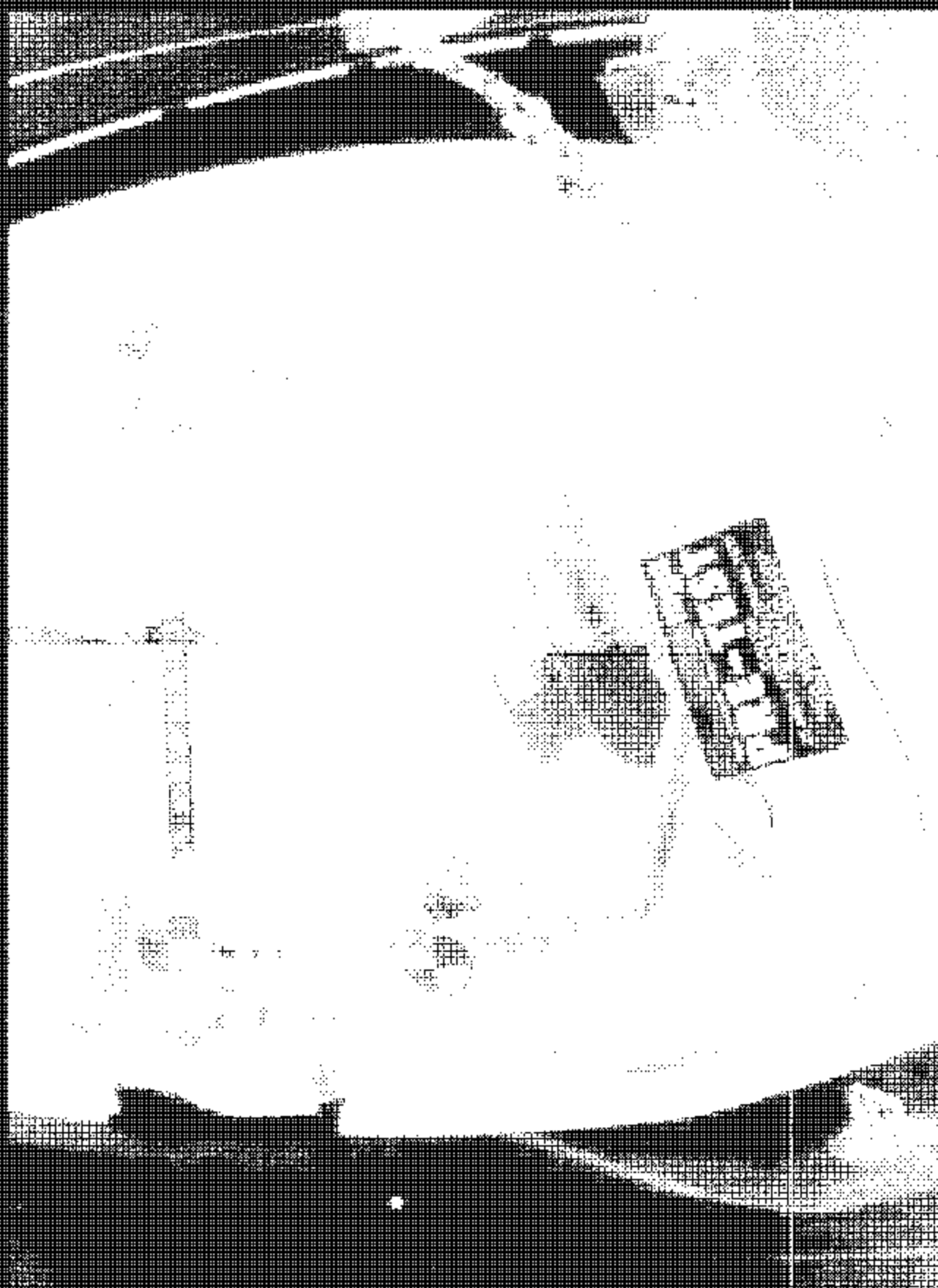
Pre-Test Rear Pass. Dummy Position Left Side View (Door Open)

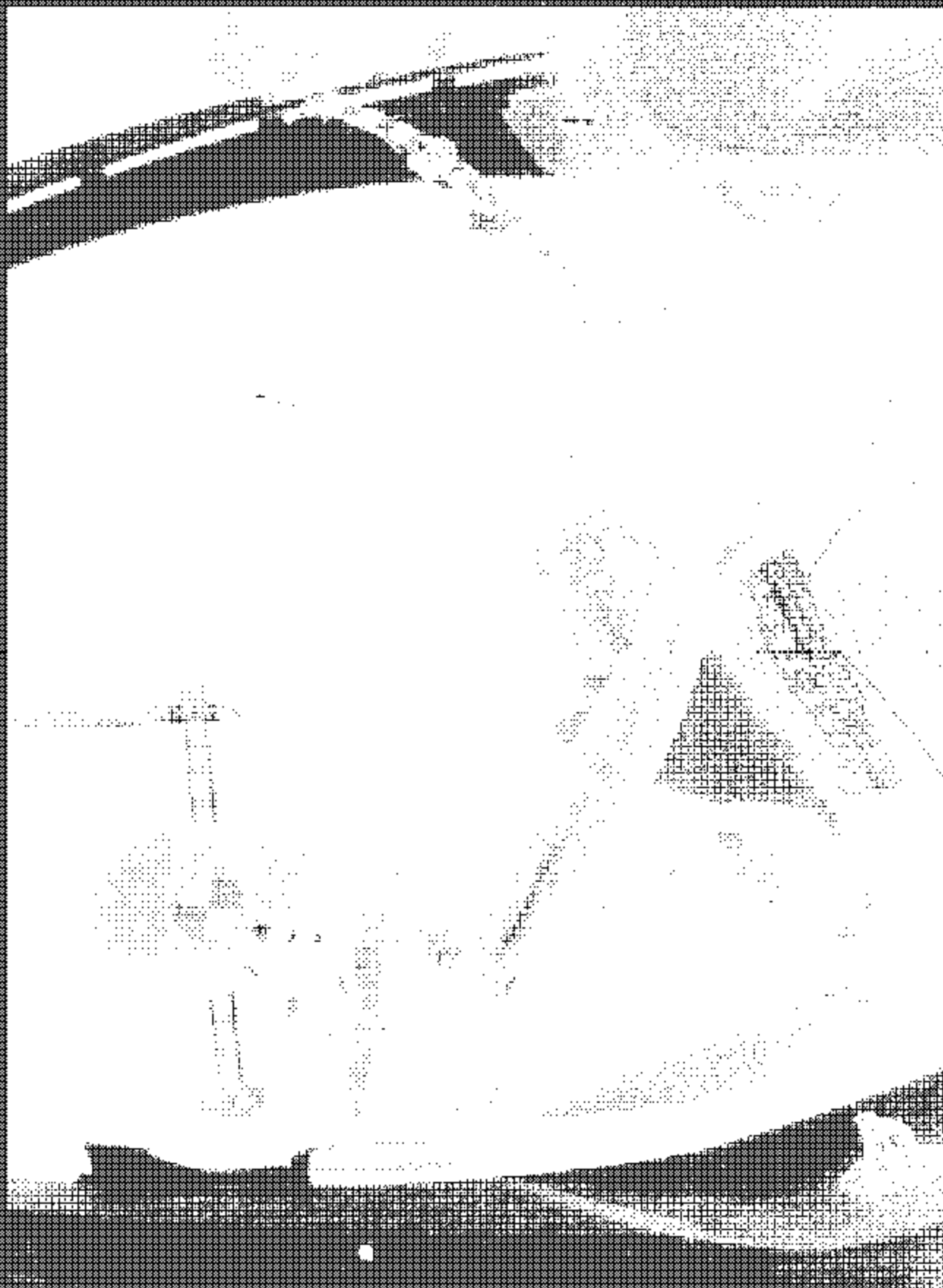




Post-Test Rear Pass, Dummy Position Left Side View (Door Open)

Pye-Test Rear Passenger Dummy Position Right Side View





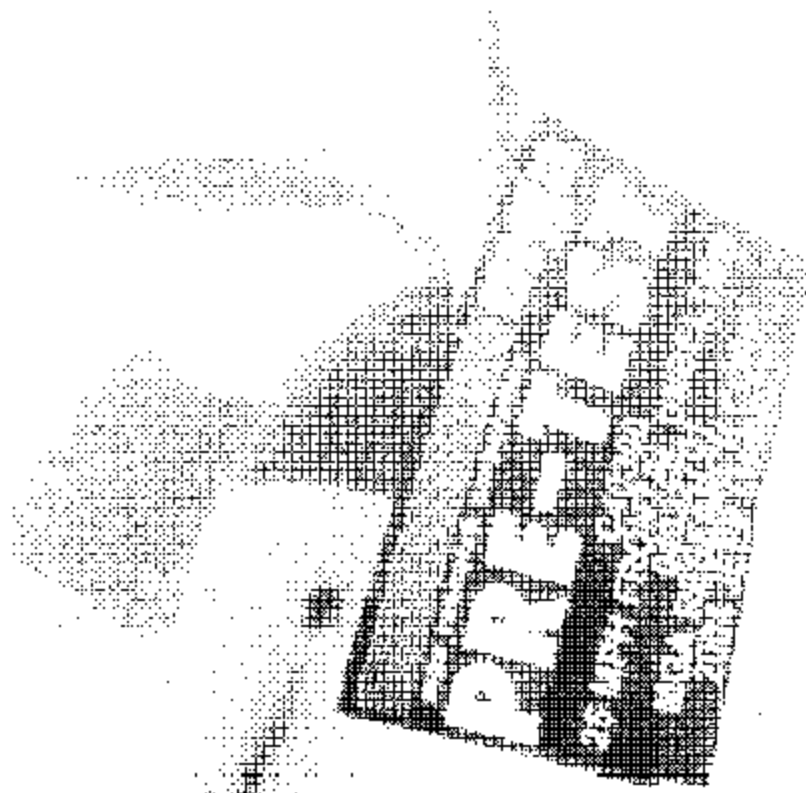
Post-Test Rear Passenger Dummy Position Right Side View

C-79

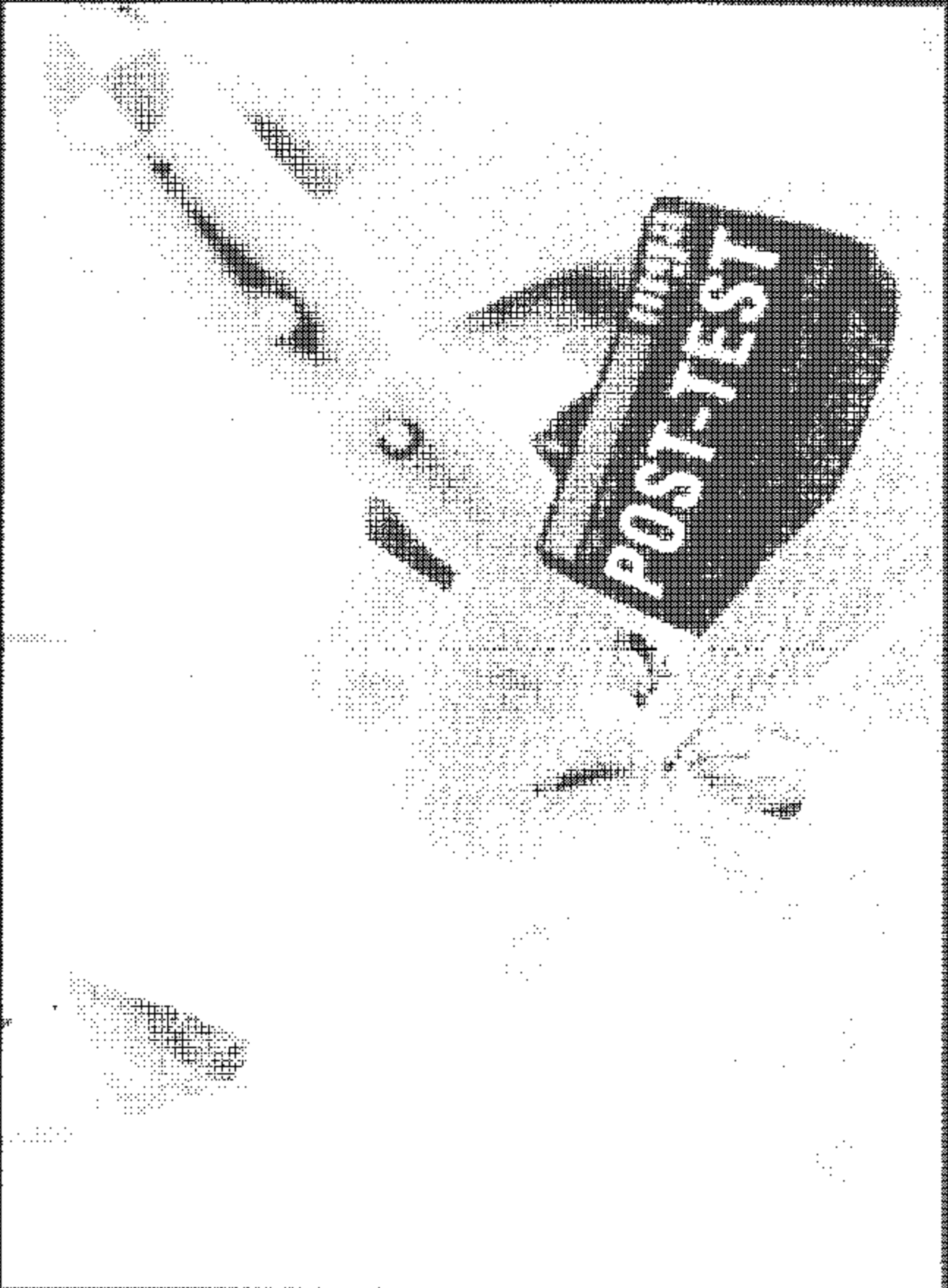
Pre-Test Rear Passenger Dummy Fast Position



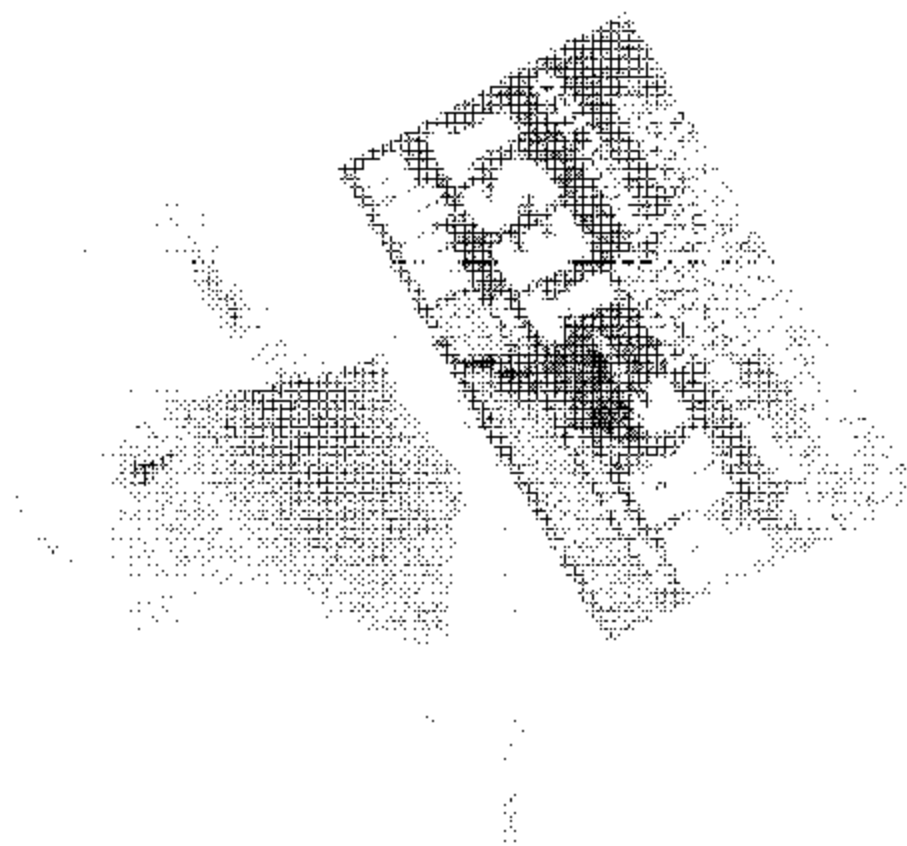
Post-Test Rear Passenger Dummy Test Position



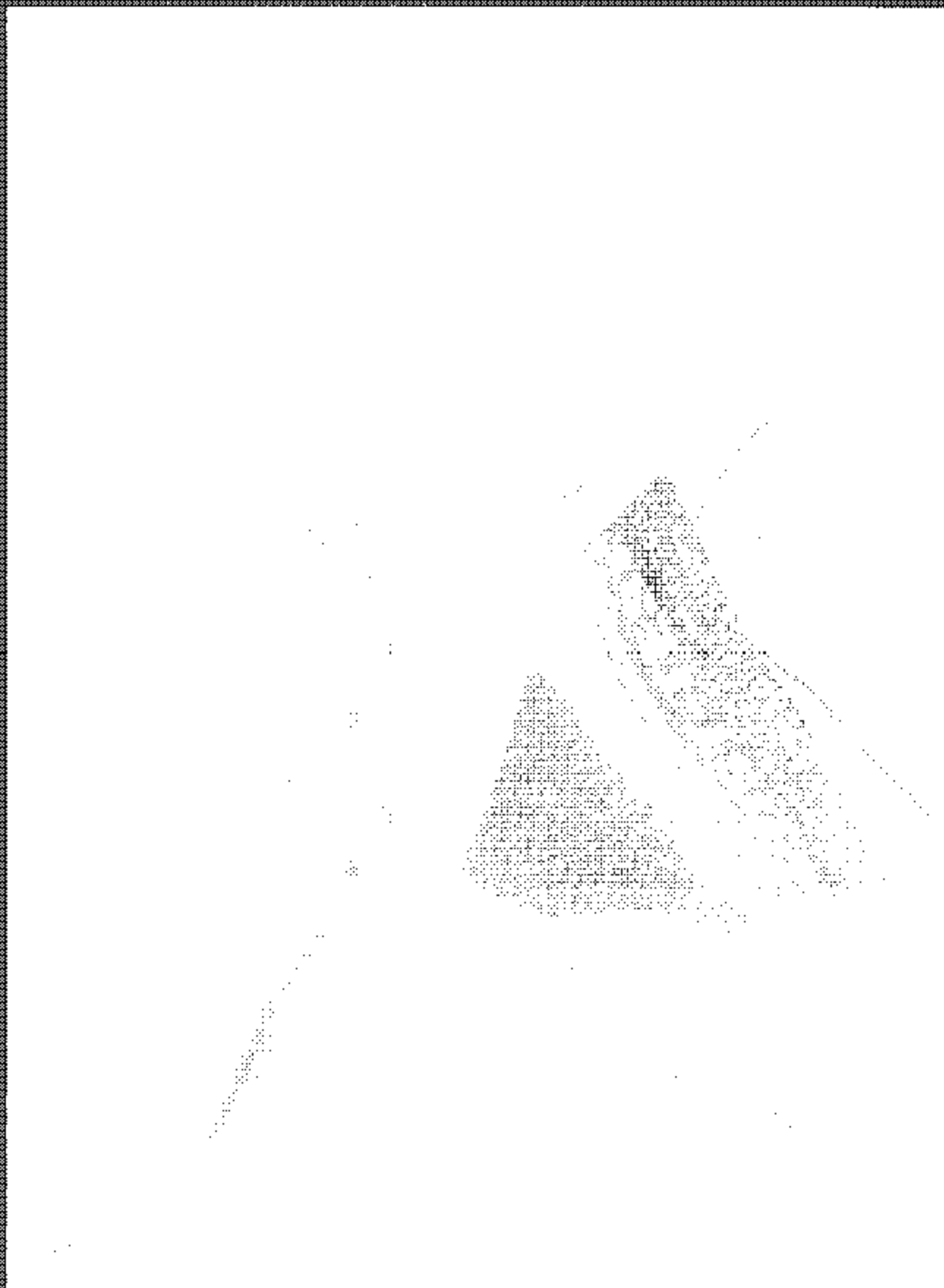
Pre-Test Rear Passenger Left Side Knee Bolster View



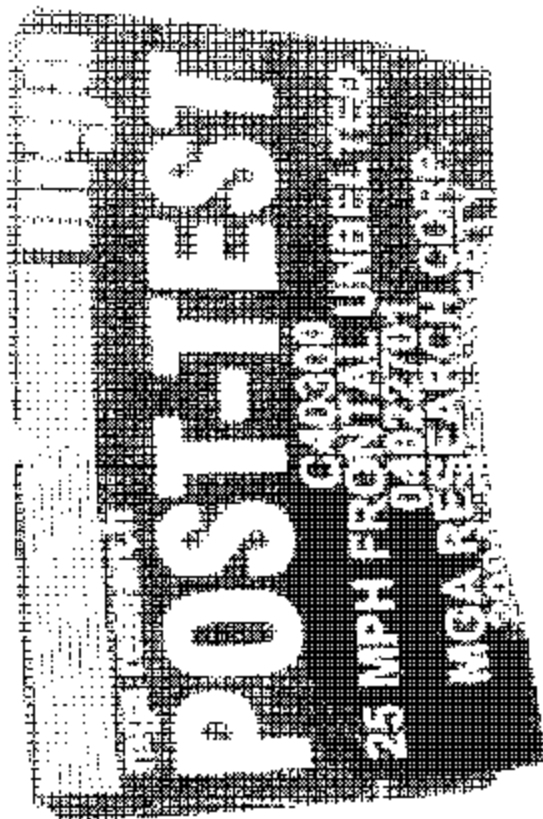
Post-Test Rear Passenger Left Side Knee Bolster View



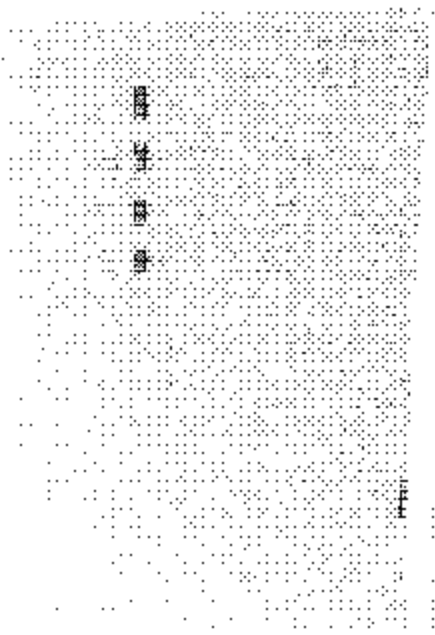
Pre-Test Rear Passenger Right Side Knee Bolster View



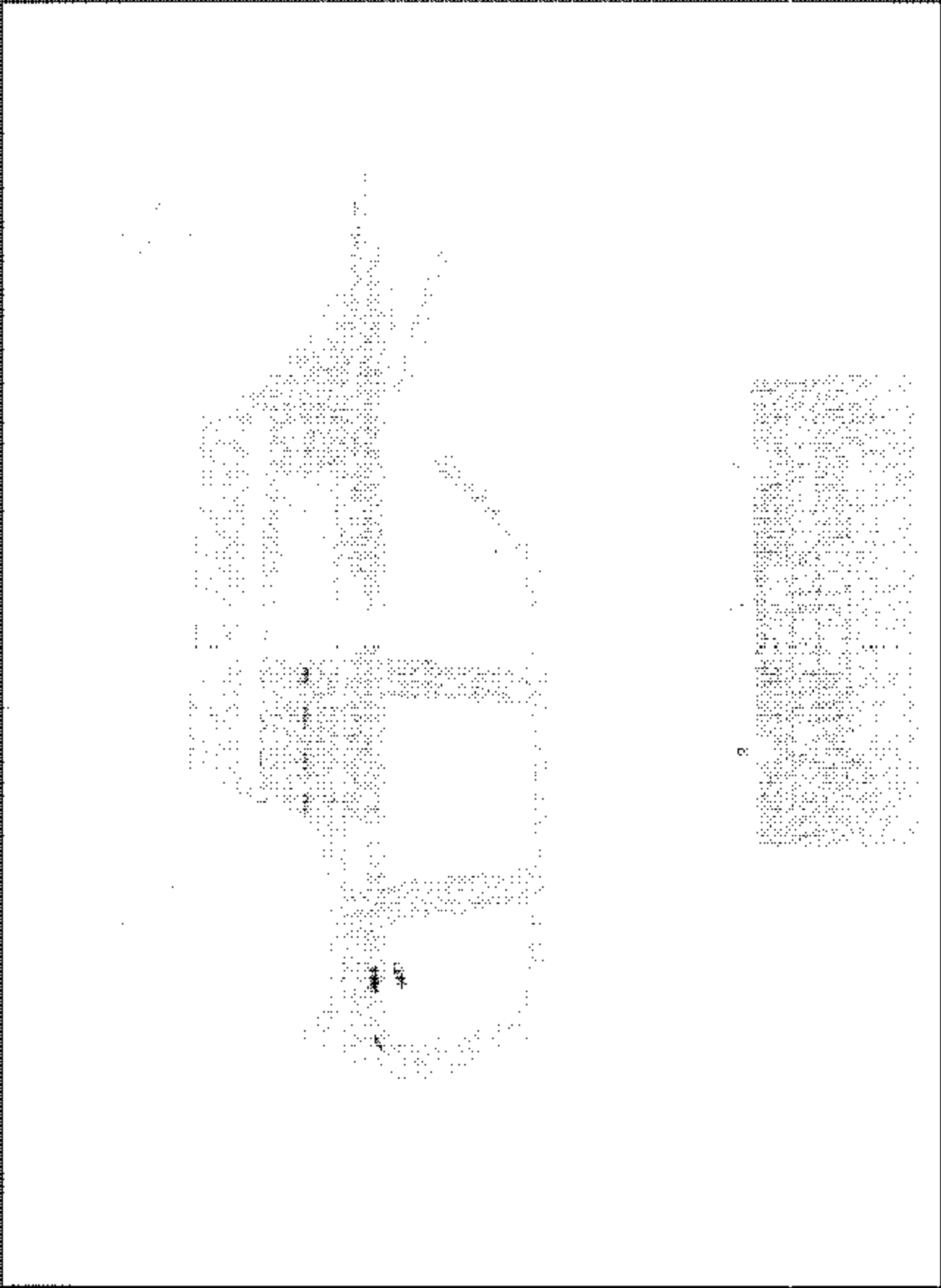
Front Test Rear Passenger Right Side Knee Bolster View



Post-Test Rear Passenger Dummy Knee Contact



Roller 30 Degrees

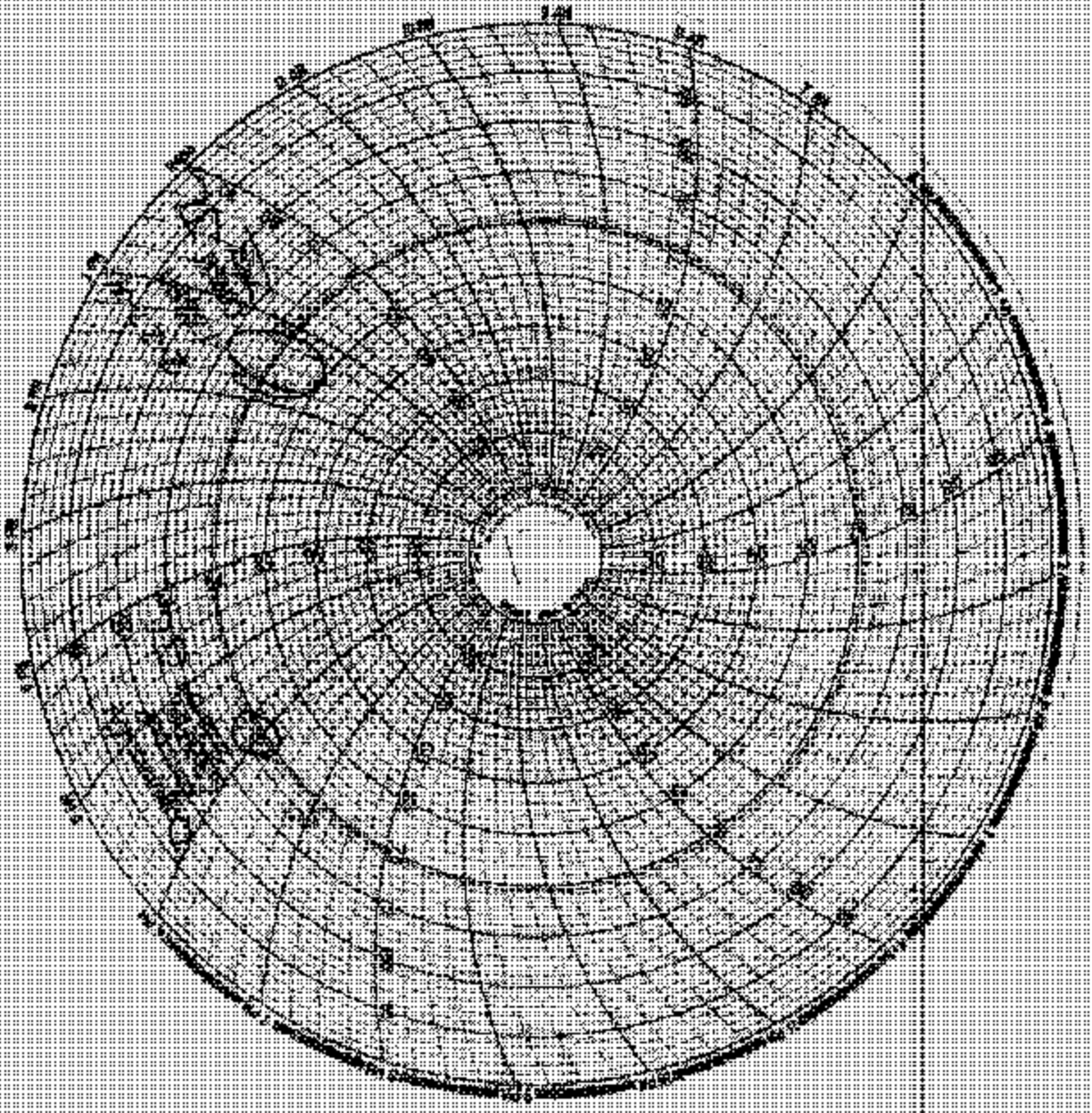


Rotover 180 Degrees



Roll-over 226 Degrees

Vehicle Impact

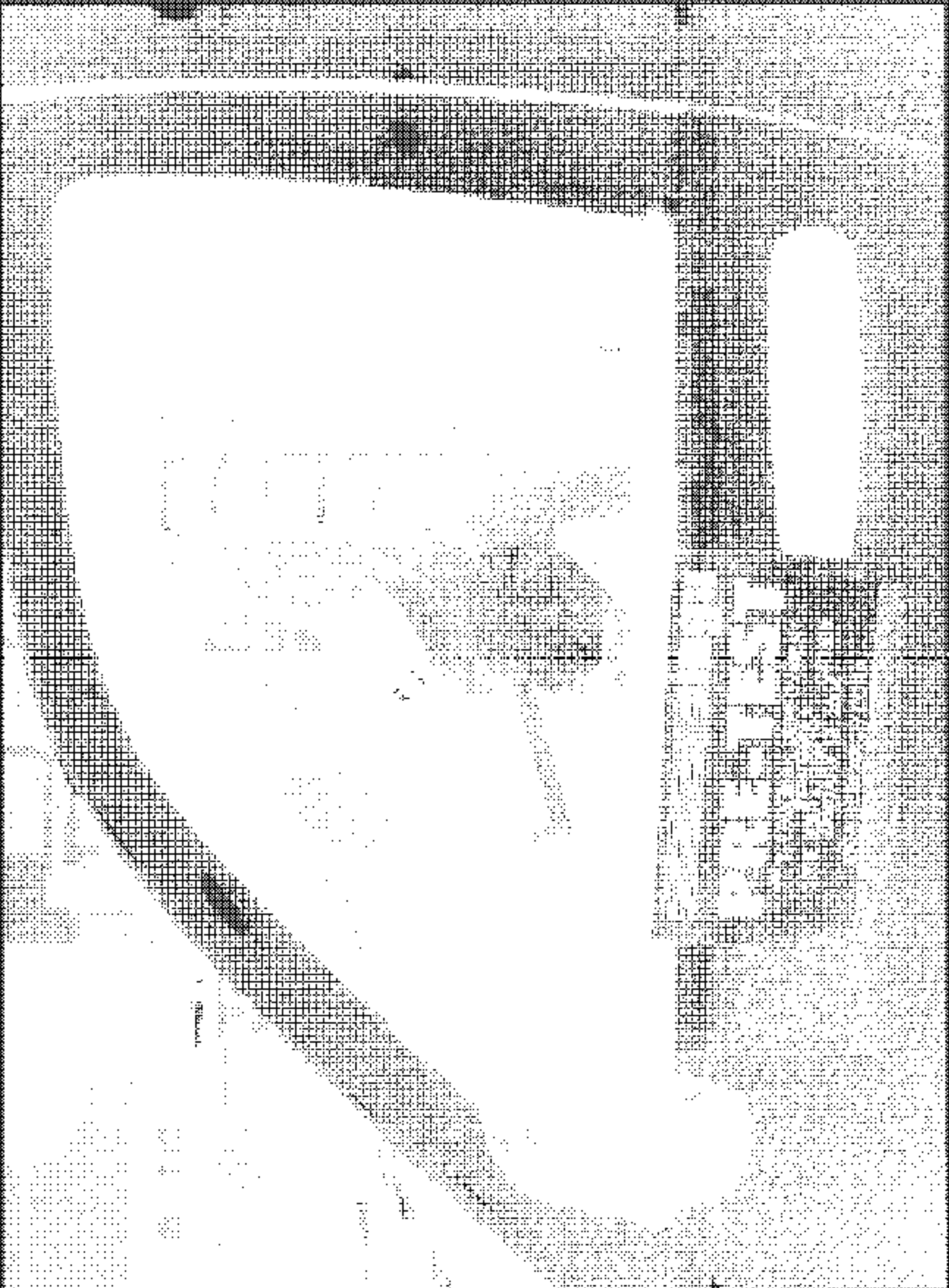


Temperature Plot

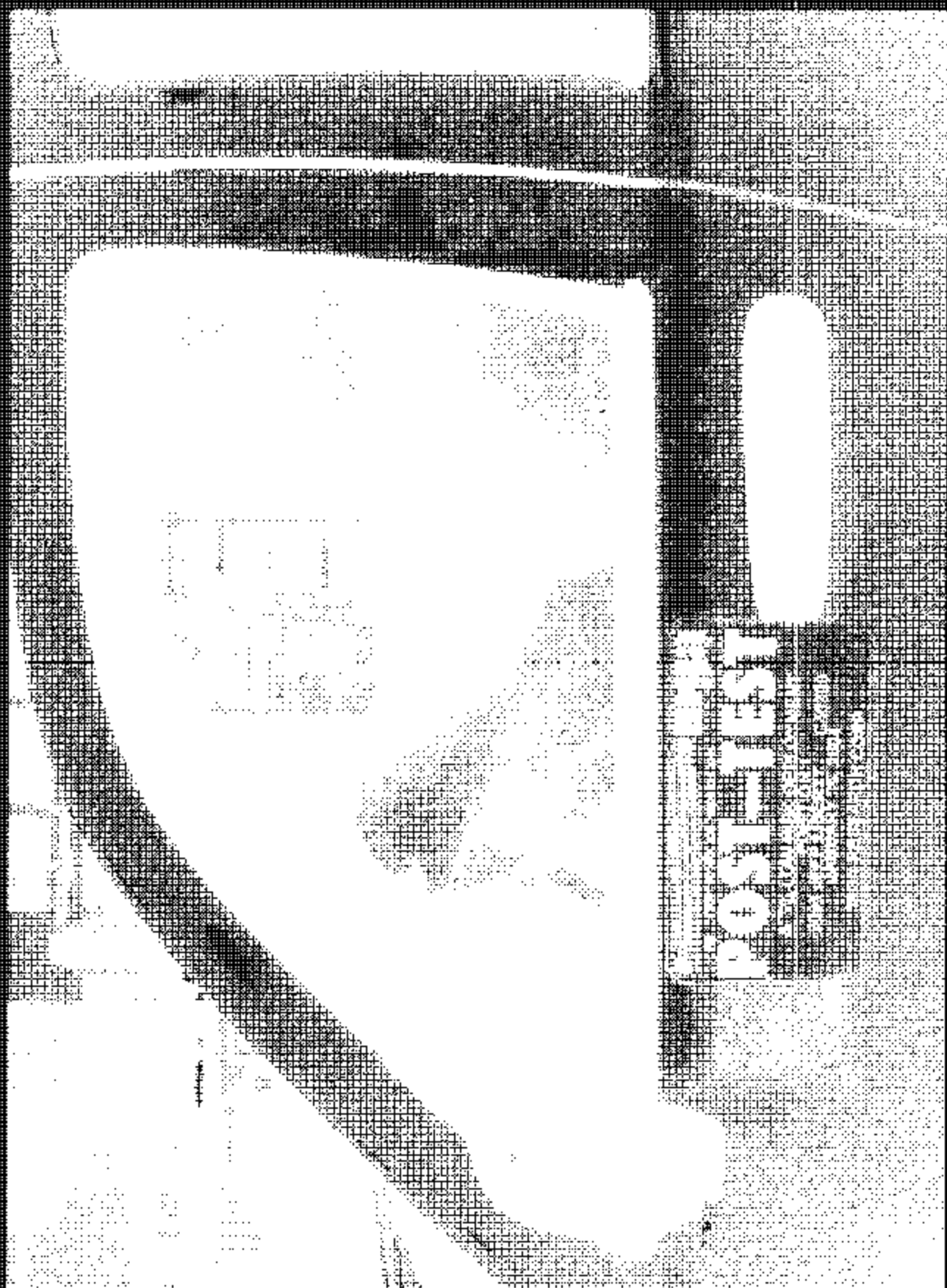
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Pre-Test 5th Fam. P4 Driver Dummy Left Side View



Post-Test 5th Fem. P1 Driver Dummy Left Side View



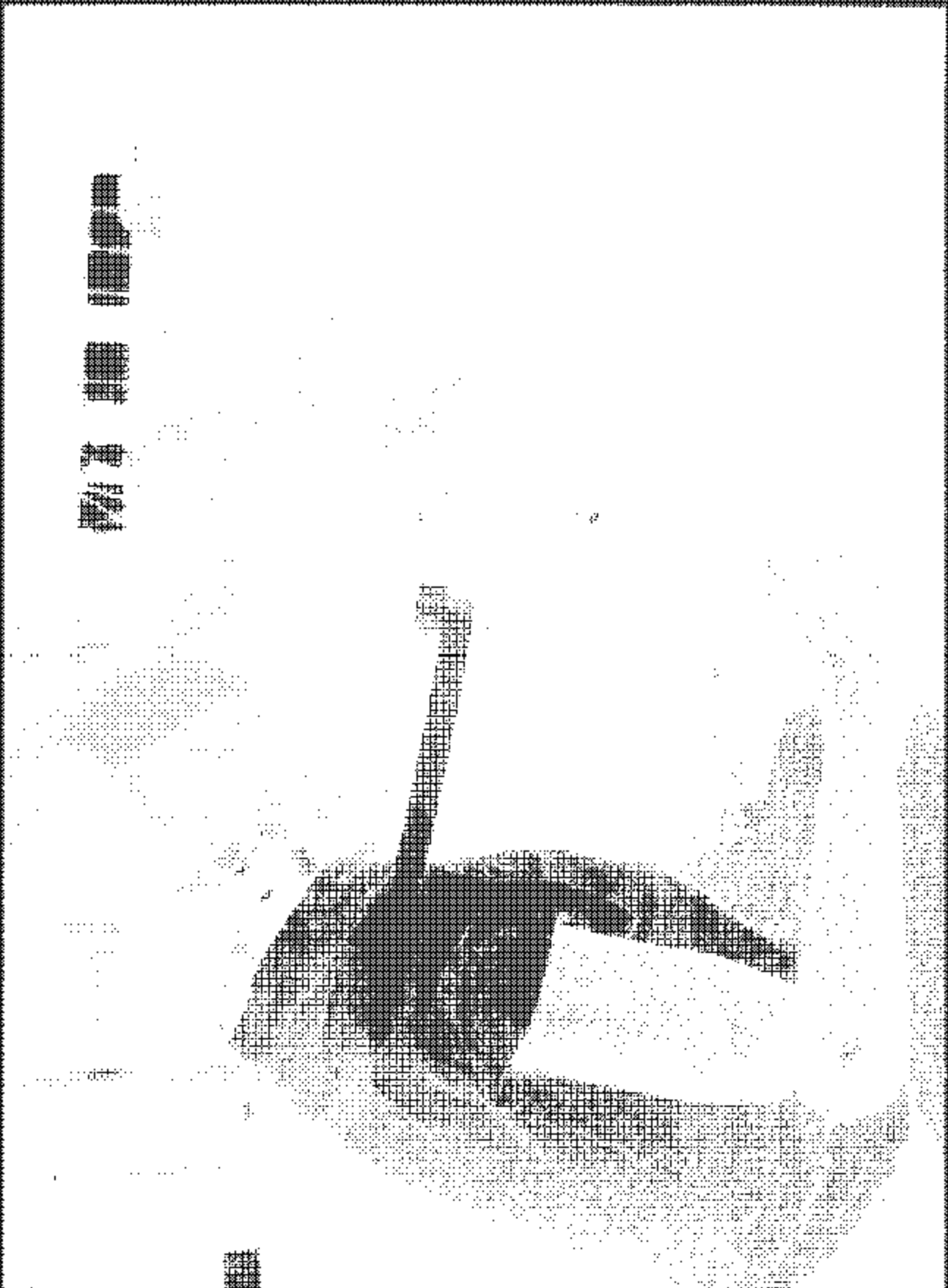
Pre-Tesl 5th Fem. P1 Driver Dummy Left Side View (Door Open)

Pre-Test 5th Fem. P1 Driver Dummy Left Side View (Door Open, Closeup)



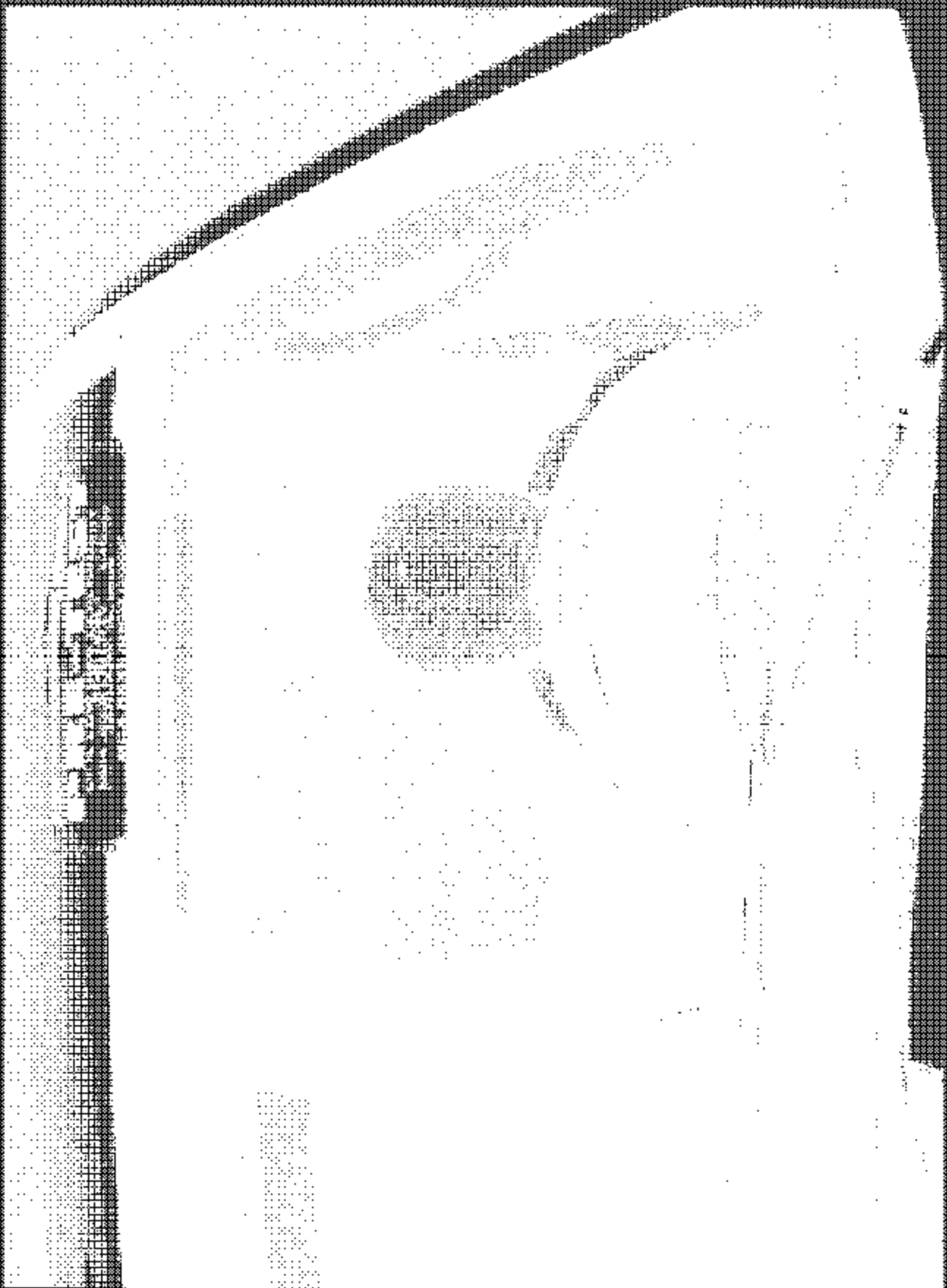
Post-Test 5th Fam. P4 Dimer Gunny Left Side View (Door Open)

Pre-Test 5th Fem. P1 Driver Dummy Right Side View (Door Open)

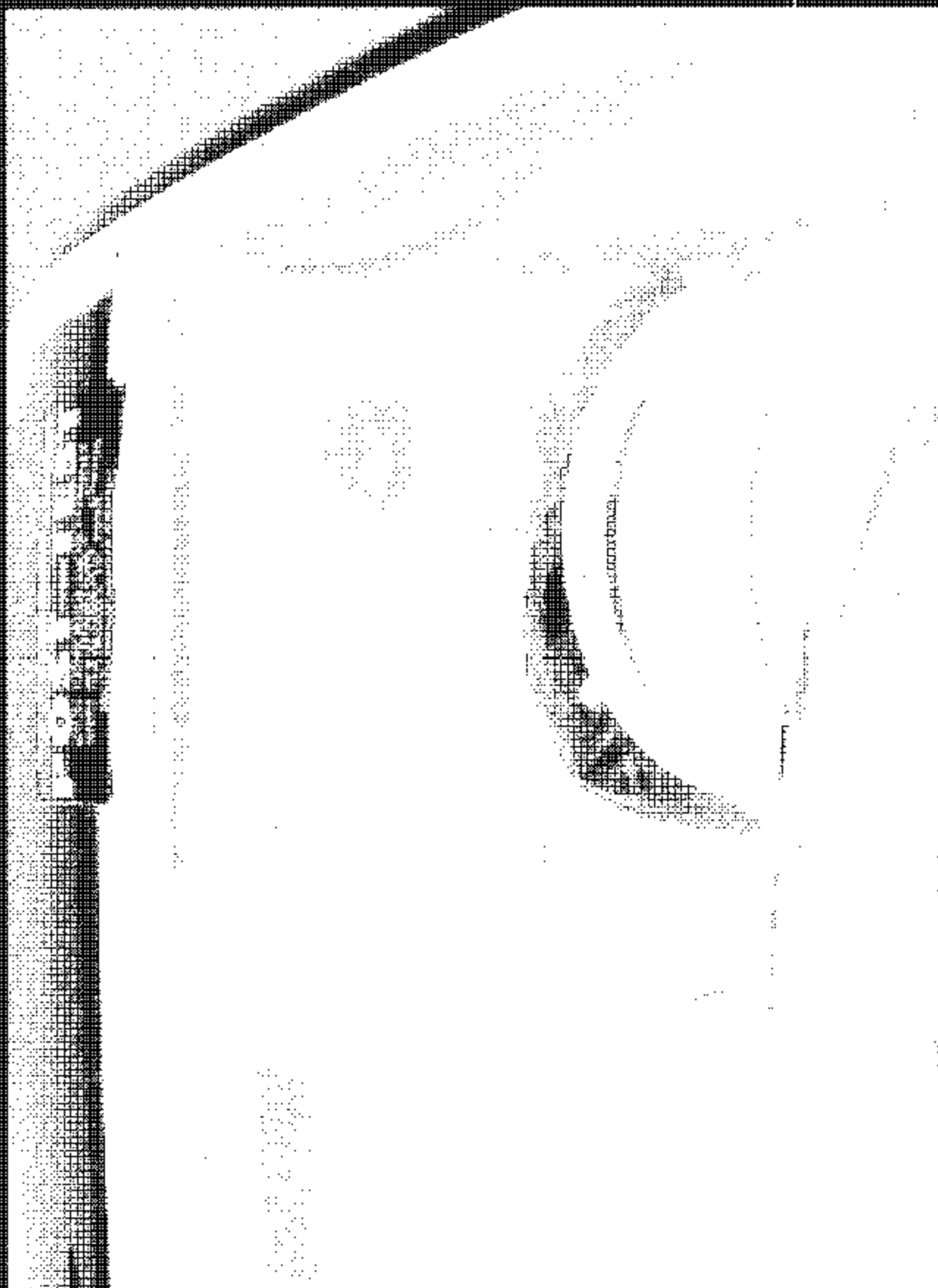


Pre-Test 5th Fern. F1 Driver Dummy Right Side View (Door Open, Closeup)

Post-Test 5th Fam, P1 Driver Dummy Right Side View (Door Open)

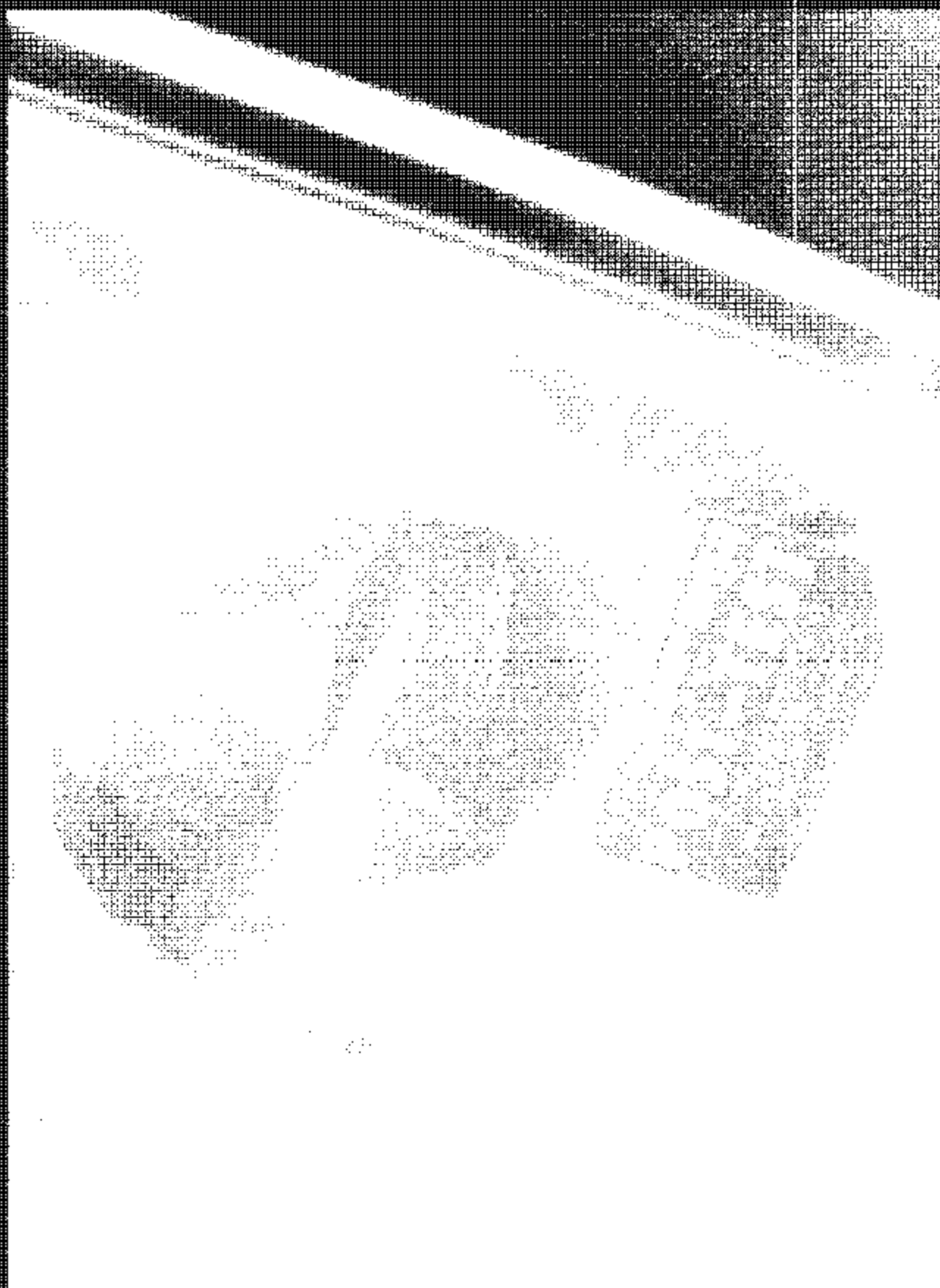


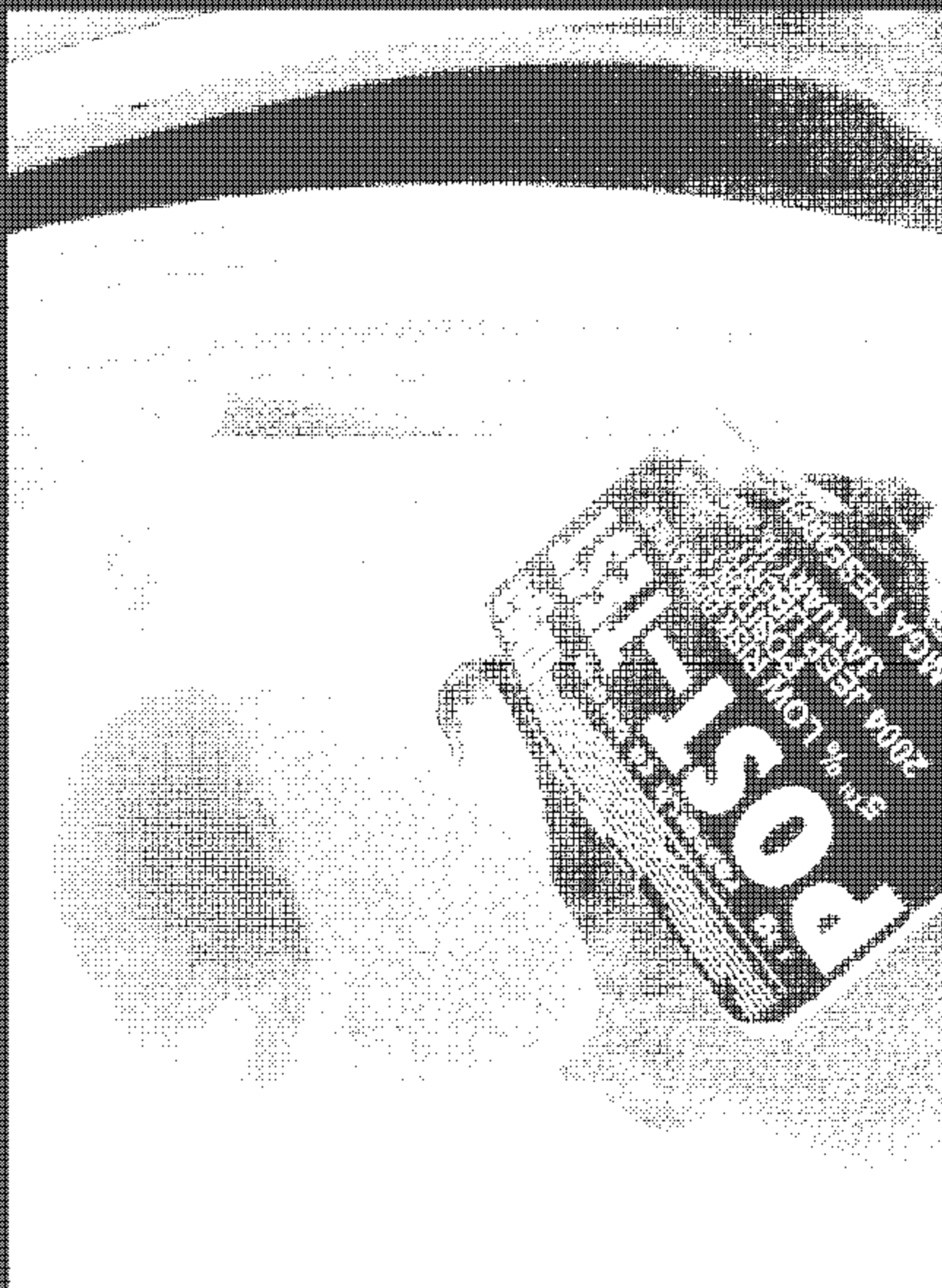
Pre-Test 5th Fem. Pt Diver Dummy Front Head Position View



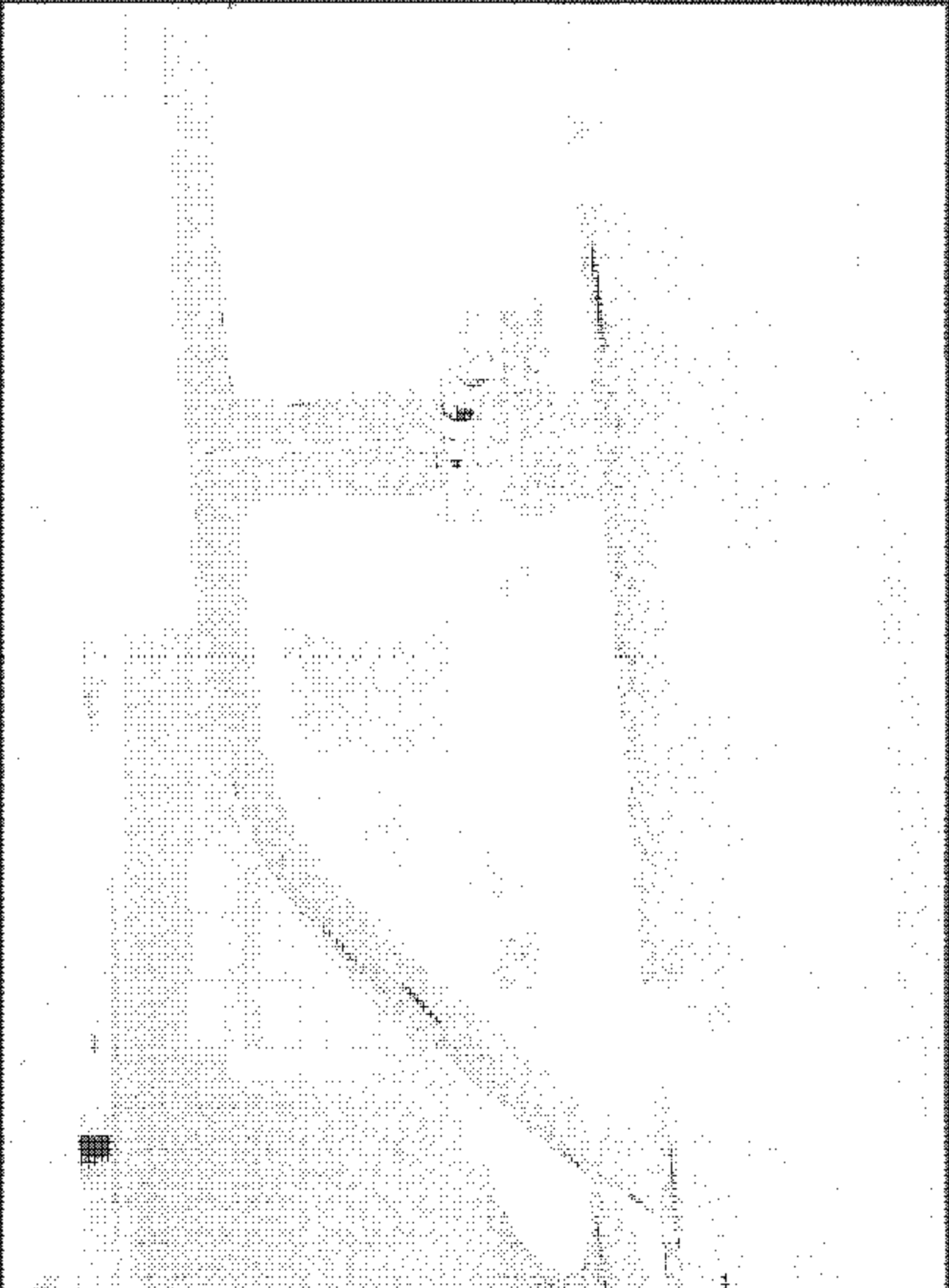


Pre-Test 5th Farn. P1 Other Dummy Head and Airbag Position View



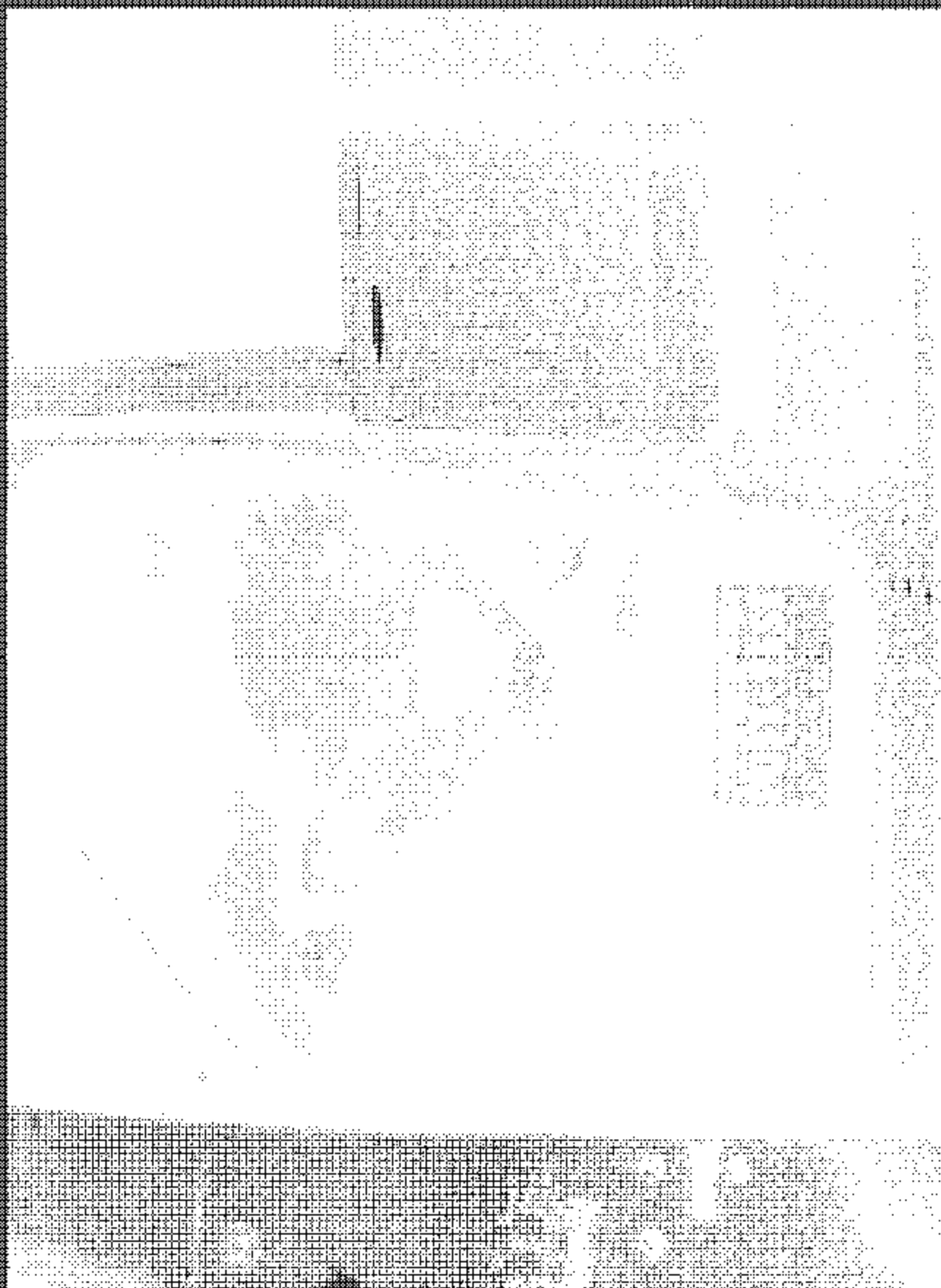


Post-Test 6th Fam. P1 Diver Dummy Head Contact View (Headrest)



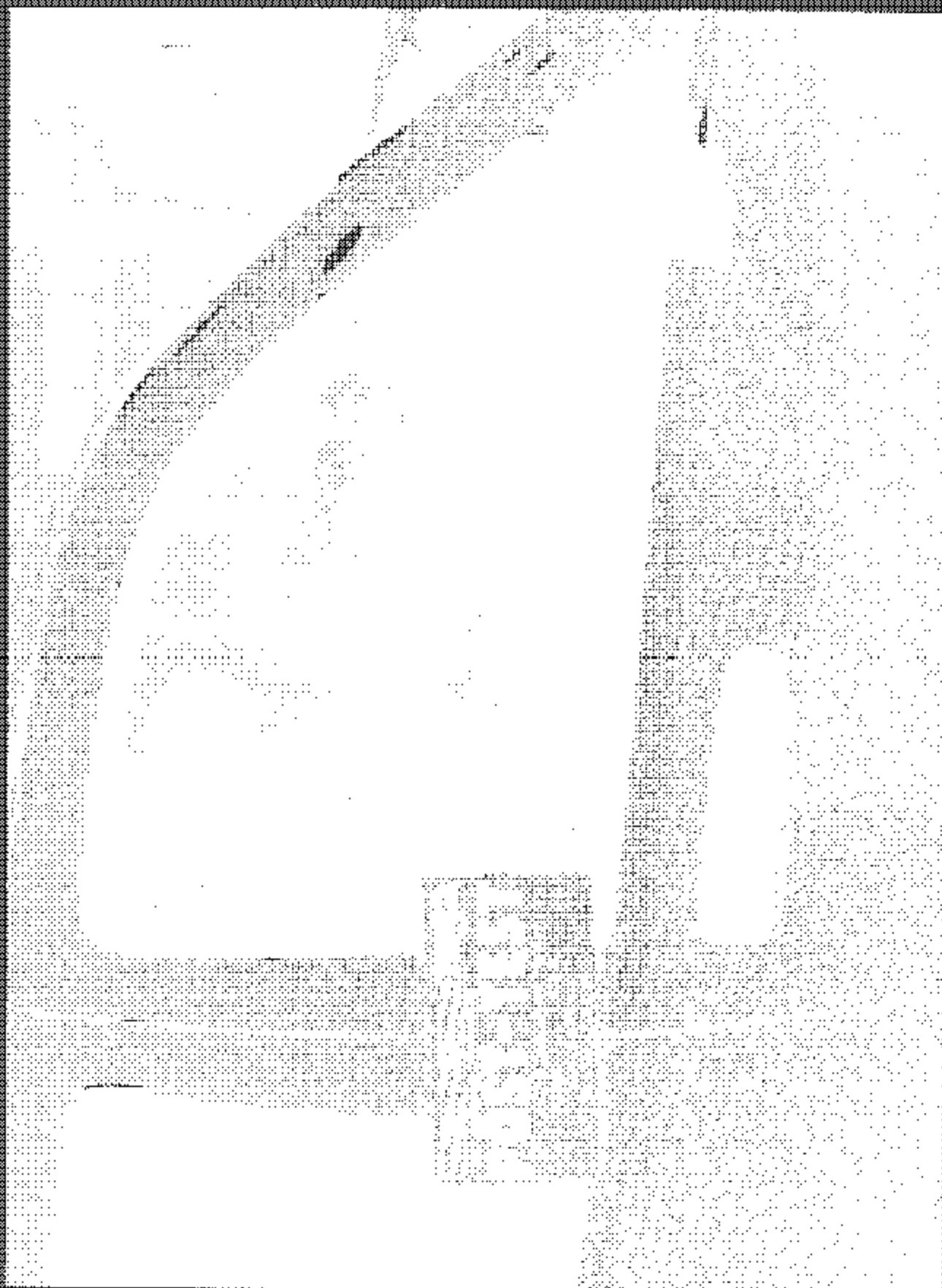
Post-Test 5th Fenn. P2 Driver Dummy Left Side View

Pre-Test Sh Fam. P2 Driver Dummy Left Side View (Door Open)



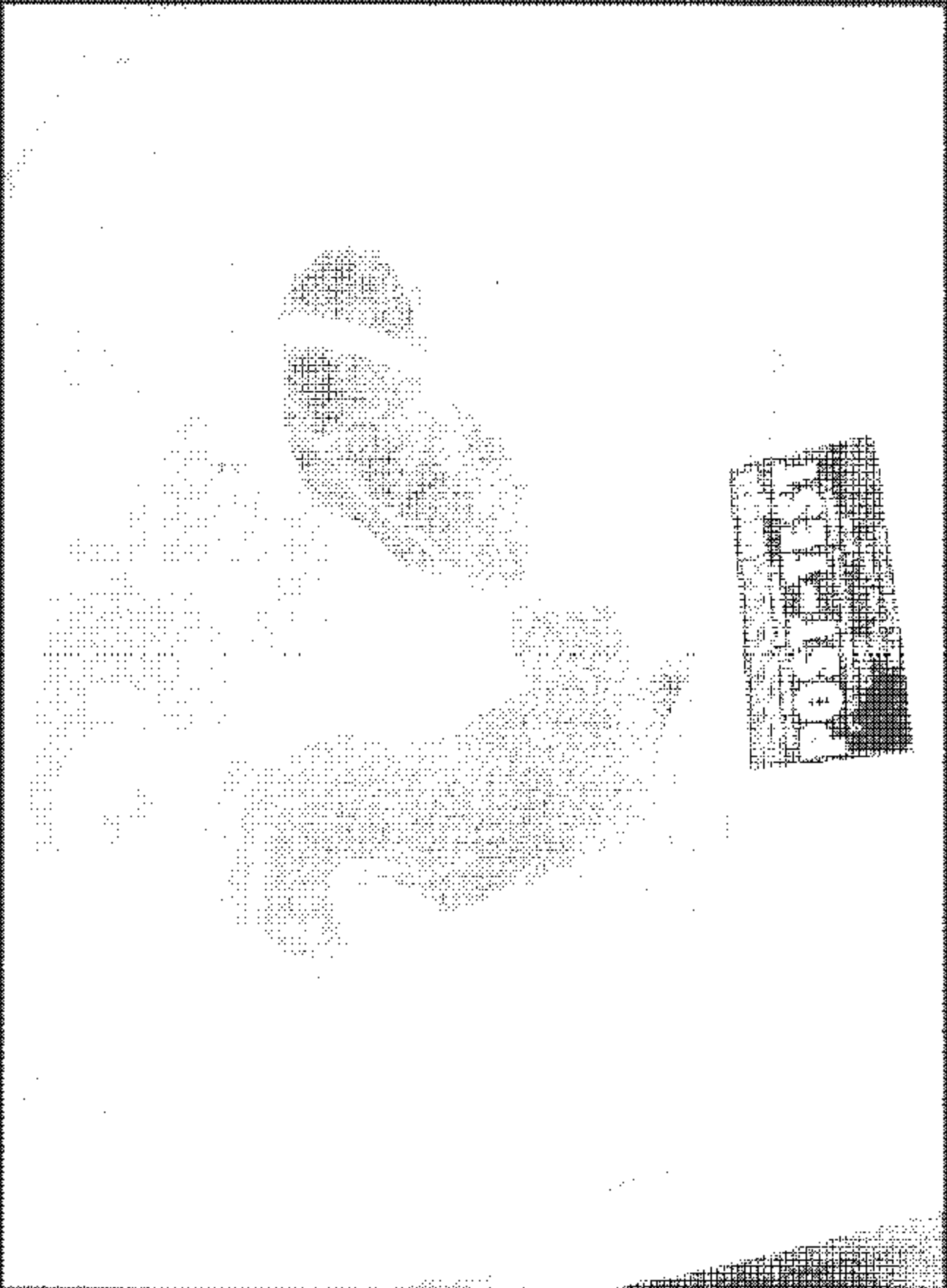
Post-Test 5th Fem. P2 Driver Dummy Left Side View (Door Open)

Pre-Tad 5th Fem. P2 Driver Dummy Right Side View



Poak Teal 5th Fem. P2 Dives Dummy Right Side View

Pre-Test 5th Fam. P2 Driver Dummy Right Side View (Door Open)



Post-Tear 5th Fam. P2 Driver Dummy Right Side View (Door Open)

Pre-Test 6th Femur P2 Driver Dummy Left Side Head Position View



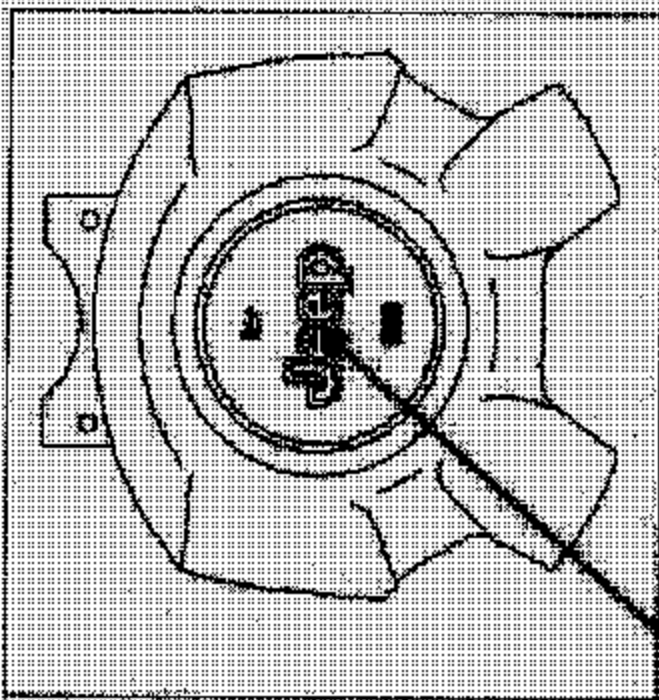


Pre-Test 5th Fem. P2 Driver Dummy Right Side Head Position View





Post-Test Side View, P2 Driver Dummy and Airbag View



This geometric center of the rotating drum is used to align the drum with the center of the drum.

Jeep Liberty (2004)

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DOT/NHTSA 208 Supereasion Test - 2004 Jeep Liberty (C40300)

Newborn

Section A

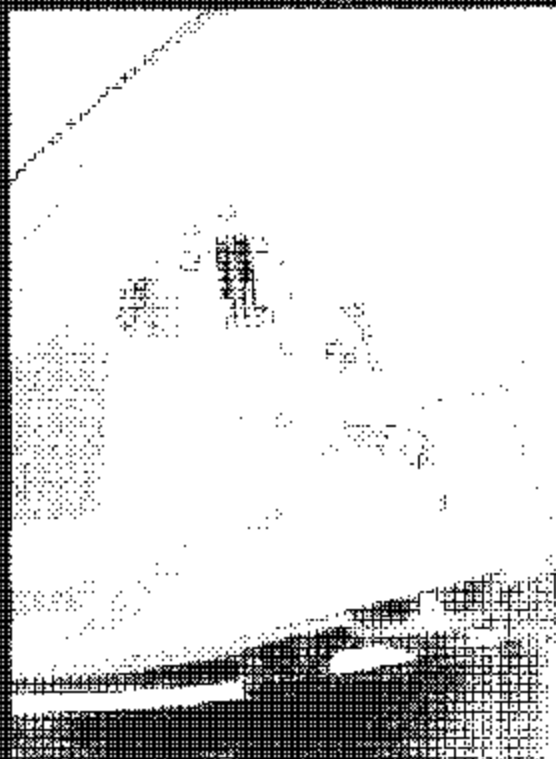
Car Bed



Coaco Dream Ride Car Bed With Belt, Middle Seat Track



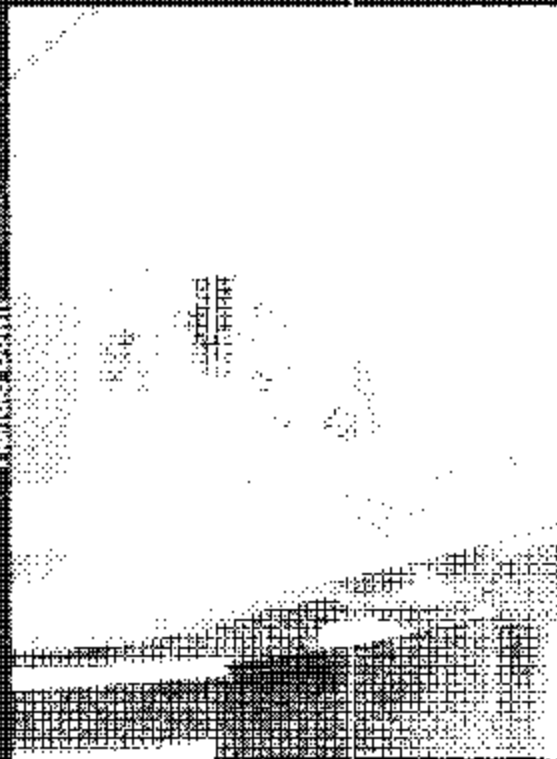
Coaco Dream Ride Car Bed With Belt, Middle Seat Track,
2nd View



Brake Handle With Care With Belt, Forward Seat Track,
Handle Down



Brake Handle With Care With Belt, Midline Seat Track,
Handle Down



Brake Handle With Care With Belt, Rearward Seat Track,
Handle Down



Brake Handle With Care Unbelted, Forward Seat Track,
Handle Down

DOI/ANHTSA 2018 Suppression Test - 2014 Jeep Liberty (C40300)

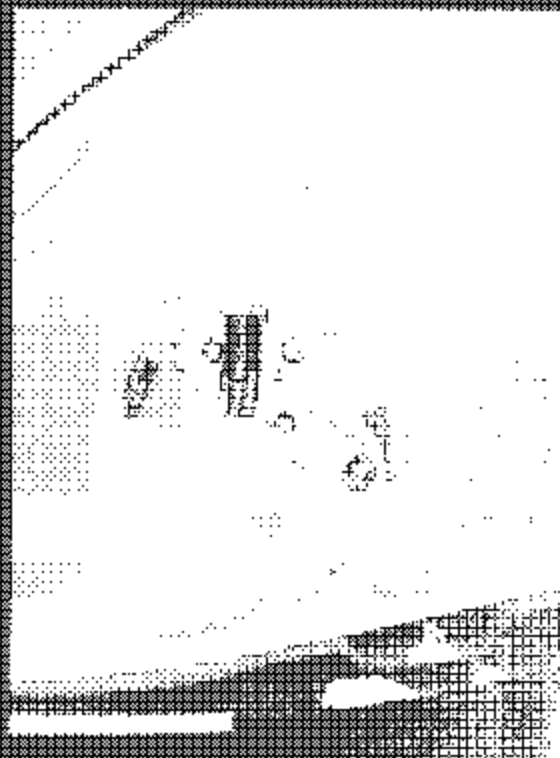
12 Month

Section B

Rear Facing CPSS



Brax Handle With Cane Unbelted, Middle Seat Track Handle Down



Brax Handle With Cane Unbelted, Rearward Seat Track Handle Down



Brax Handle With Cane Fwd Facing Unbelted, Forward Seat Track Handle Down



Brax Handle With Cane Fwd Facing Unbelted, Middle Seat Track Handle Down

DOT/NHTSA 2008 Suppression Test - 2004 Jeep Liberty (C4ES0D)

12 Month

Section B

Rear Facing CRS



Britax Handle With Cars Forward Facing Unlabeled.
Rearward Seat Track, Handle Down



Unlabeled 5th Percentile Female Reservation Seat.
Rearward Seat Track

DOT/FAH/TS&A 2004 Suppressor Test - 2004 Jeep Liberty (C-49330)

12 Month

Section B

Rear Facing CHS



Evenflo First Choice With Ball, Forward Seat Track,
Handle Up



Evenflo First Choice With Ball, Middle Seat Track,
Handle Up



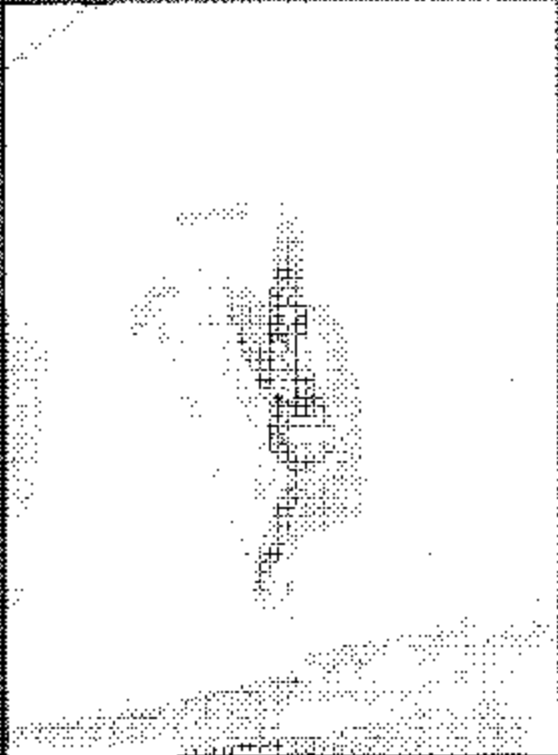
Evenflo First Choice With Ball, Rearward Seat Track,
Handle Down



Evenflo First Choice Unbated, Forward Seat Track,
Handle Up



Eventio First Choice Unbelted, Middle Seal Track
Handle Up



Eventio First Choice Unbelted, Sealed Seal Track
Handle Down



Eventio First Choice Two Facing Unbelted, Forward Seal Track
Handle Down



Eventio First Choice Two Facing Unbelted, Middle Seal Track
Handle Down

DOTA/HTSA 20th Suppression Test - 2004 Jeep Liberty (C-49309)

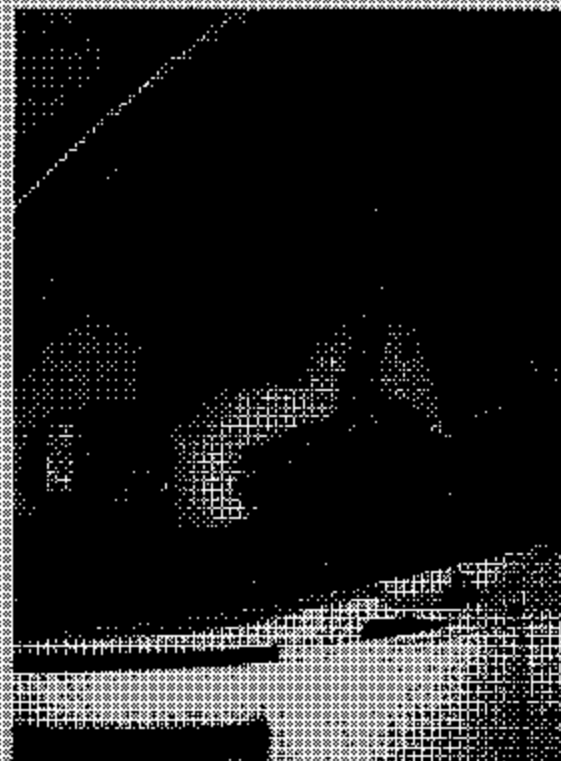
12 Month

Section B

Rear Facing CPS



Event 10 First Choke Forward Facing Unballed.
Rearward Seat Track, Handle Down



Unballed 5th Percentile Female Recaro/Carson Seat,
Forward Seat Track



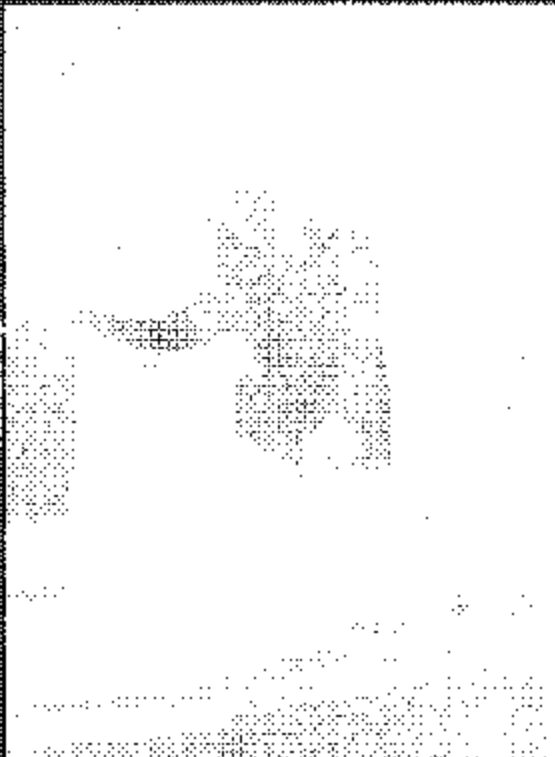
Graco Infant W/ Base With Belt, Forward Seat Track,
 Handle Up



Graco Infant W/ Base With Belt, Middle Seat Track,
 Handle Up



Graco Infant W/ Base With Belt, Rearward Seat Track,
 Handle Down



Graco Infant W/ Base Unbelted, Forward Seat Track,
 Handle Up

DOT/NHTSA 2018 Suppression Test - 2014 Jeep Liberty (C-40300)

12 Month

Station B

Rear Facing CRS



Craco Infant W/ Base Unbelted, Middle Seat Track,
Handle Up



Craco Infant W/ Base Unbelted, Rearward Seat Track,
Handle Down



Craco Infant W/ Base Fwd Facing Unbelted, Forward Seat Track,
Handle Up



Craco Infant W/ Base Fwd Facing Unbelted, Middle Seat Track,
Handle Up

DOT/NHTSA 2008 Suppression Test - 2004 Jeep Liberty (CA1330D)

12 Month

Section B

Rear Facing CRS



Graco Infant W/ Base Fwd Facing Unlabeled.
Relative Seat Track Position Up



Graco Infant W/ O Base W/ Belt Forward Seat Track.
Handle Up



Graco Infant W/ O Base With Belt, Middle Seat Track,
Handle Down



Graco Infant W/ O Base With Belt, Rearward Seat Track,
Handle Down

DOTA/NTSA 2008 Suppression Test - 2004 Jeep Liberty (C-403100)
 12 Month
 Section 5

Rear Facing CRS



Graco Infant W/O Base Unbelted, Forward Seat Track,
 Handle Up



Graco Infant W/O Base Unbelted, Midline Seat Track,
 Handle Up



Graco Infant W/O Base Unbelted, Rearward Seat Track,
 Handle Down



Graco Infant W/O Base Fwd Facing Unbelted,
 Forward Seat Track, Handle Down

DOT/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C40300)

12 Month

Section B

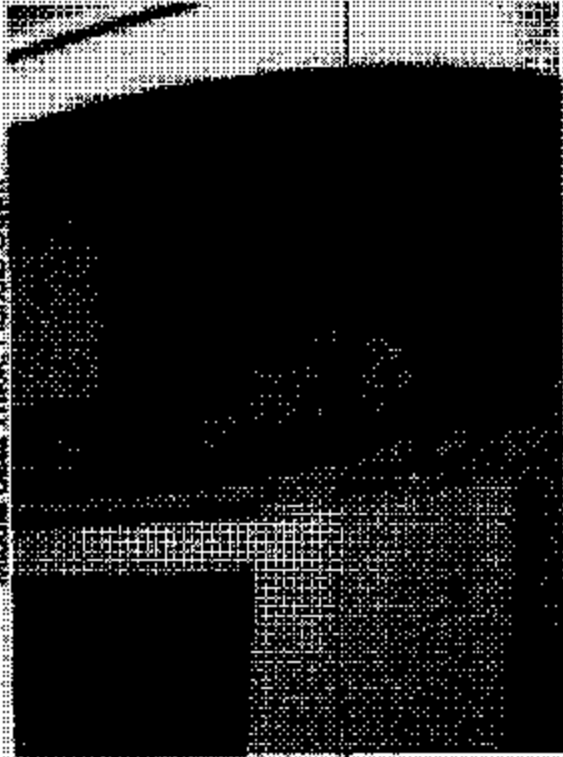
Rear Facing CRS



Graco Infant Viro Base Forward Facing Unbelted,
Middle Seat Track, Headle Down



Graco Infant Viro Base Forward Facing Unbelted,
Rearward Seat Track, Headle Down



Unbelted 5th Percentile Female Recumbent Seat,
Rearward Seat Track

DOT/NHTSA 2013 Suppression Test - 2014 Jeep Liberty (C 40300)

12 Month

Section C

Forward Facing Convertible CRS



Snack Roundabout Fwd Facing With Bel, Forward Seat Track,
No Blanket



Snack Roundabout Fwd Facing With Bel, Unbuckled Seat Track,
No Blanket



Snack Roundabout Fwd Facing With Bel, Rearward Seat Track,
No Blanket



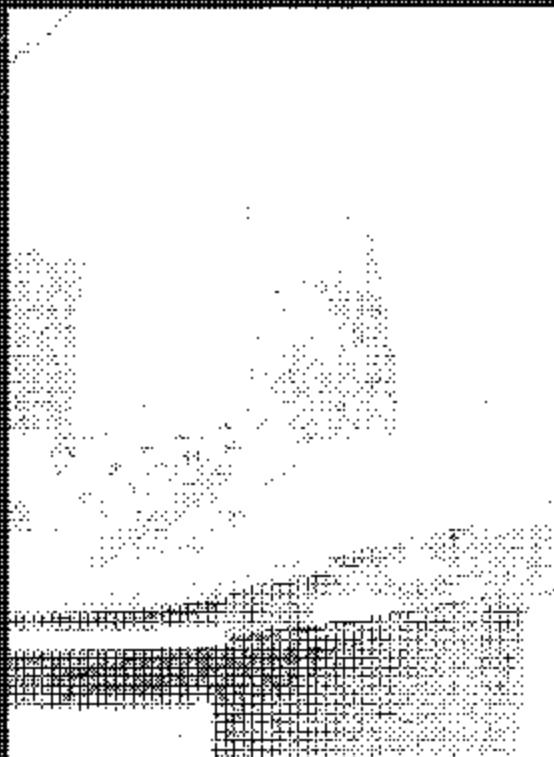
Snack Roundabout Fwd Facing Unbuckled, Forward Seat Track,
No Blanket

DOT/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C-40300)

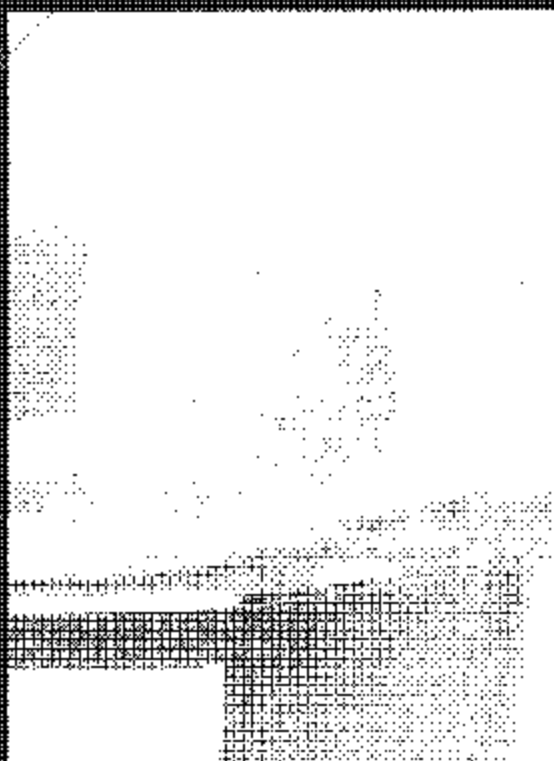
12 Month

Section C

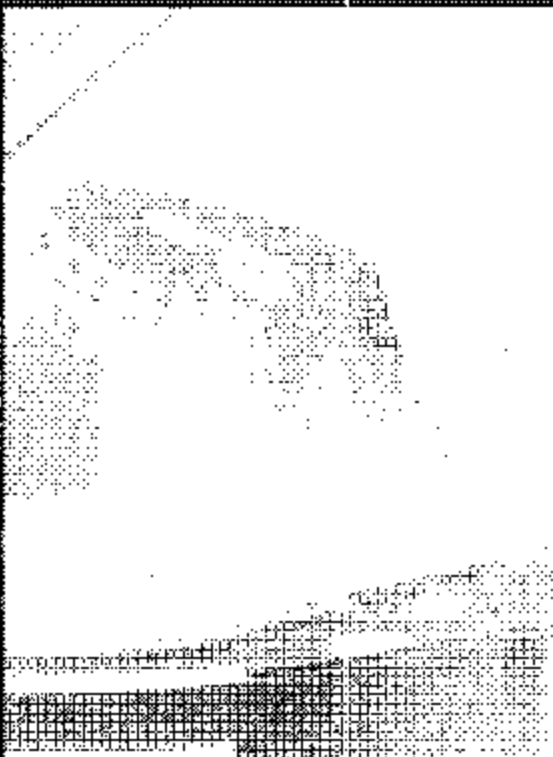
Forward Facing Convertible CRS



Enrux Roundabout Fwd Facing Unrestrained, Middle Seat Track
No Blanket



Enrux Roundabout Fwd Facing Unrestrained, Rearward Seat Track
No Blanket



Enrux Roundabout Rear Facing With Belt, Forward Seat Track
No Blanket



Enrux Roundabout Rear Facing With Belt, Middle Seat Track
No Blanket

DOT/NHTSA 2016 Suppression Test - 2004 Jeep Liberty (C-40309)

12 Month

Section C

Forward Facing Convertible CRS



Entry Roundabout Rear Facing Unbelted, Middle Seat Track, No Blanket



Entry Roundabout Rear Facing Unbelted, Forward Seat Track, No Blanket



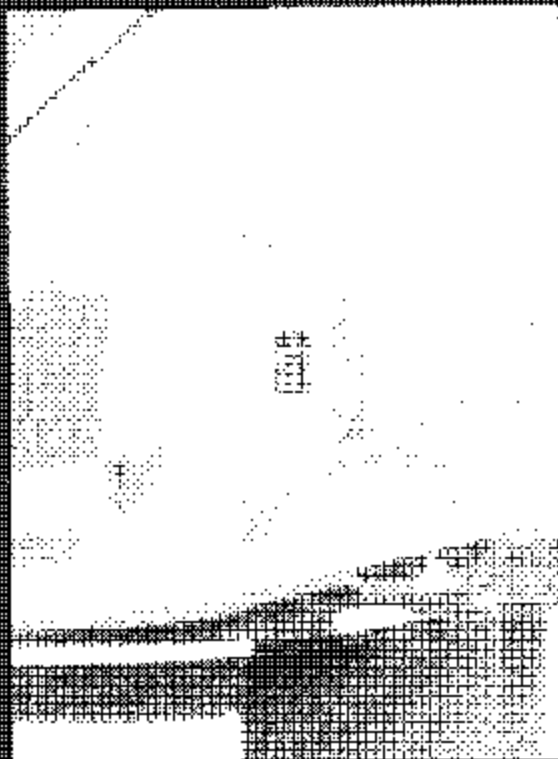
Entry Roundabout Rear Facing Unbelted, Middle Seat Track, No Blanket



Entry Roundabout Rear Facing Unbelted, Forward Seat Track, No Blanket



Century Encore Fwd Facing With Belt, Forward Seat Track,
No Blanket



Century Encore Fwd Facing With Belt, Middle Seat Track,
No Blanket



Century Encore Fwd Facing With Belt, Rearward Seat Track,
No Blanket



Century Encore Fwd Facing Unbelted, Forward Seat Track,
No Blanket



Century Encore Fwd Facing Unlabeled, Middle Seat Track.
No Blanket



Century Encore Fwd Facing Unlabeled, Forward Seat Track.
No Blanket



Century Encore Rear Facing With Belt, Forward Seat Track.
No Blanket



Century Encore Rear Facing With Belt, Middle Seat Track.
No Blanket



Century Encore Rear Facing With Belt, Rearward Seat Track
No Blanket



Century Encore Rear Facing Unbelted, Forward Seat Track
No Blanket



Century Encore Rear Facing Unbelted, Middle Seat Track
No Blanket



Century Encore Rear Facing Unbelted, Rearward Seat Track
No Blanket

DOT/NHTSA 2006 Suppression Tests - 2004 Jeep Liberty (Car0300)

12 Month

Section C

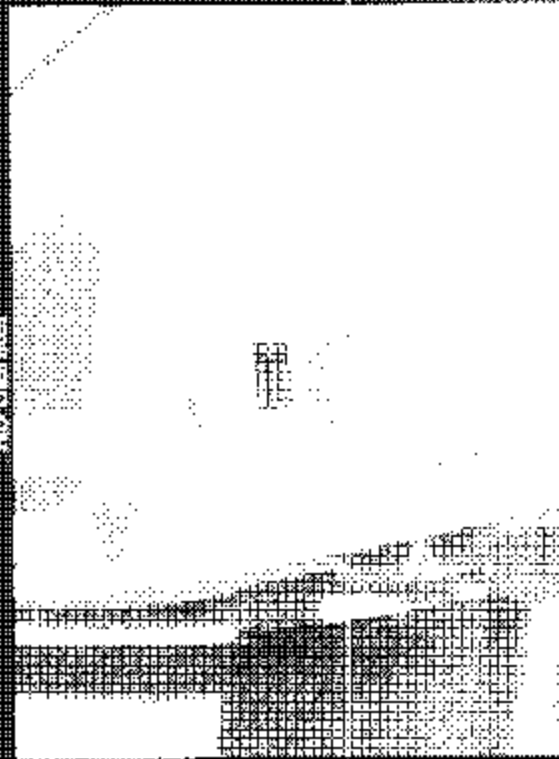
Forward Facing Convertible CRS



Unbelted 5th Percentile Female Reactivation Seat,
Middle Seat Track



EventNo Medallion Fwd Facing With Belt Forward Seat Track,
No Blanket



EventNo Medallion Fwd Facing With Belt Rearward Seat Track,
No Blanket



EventNo Medallion Fwd Facing With Belt Middle Seat Track,
No Blanket



EventNo Medallion Fwd Facing Unbelted, Forward Seat Track,
No Blanket

DOT/NHTSA 2010 Suppression Test - 2004 Jeep Liberty (C-403109)

12 Month

Section C

Forward Facing Convertible CRS



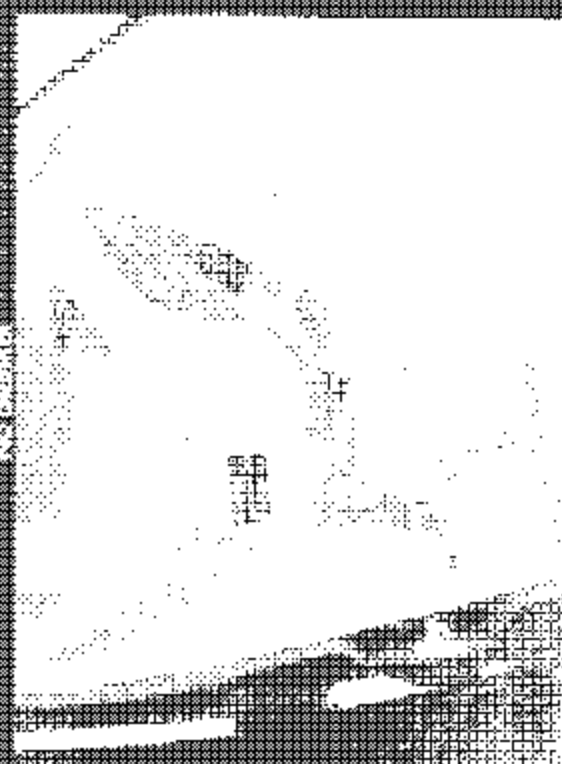
Evenflo Medallion Pro Facing Unreclined, Middle Seat Track, No Blanket



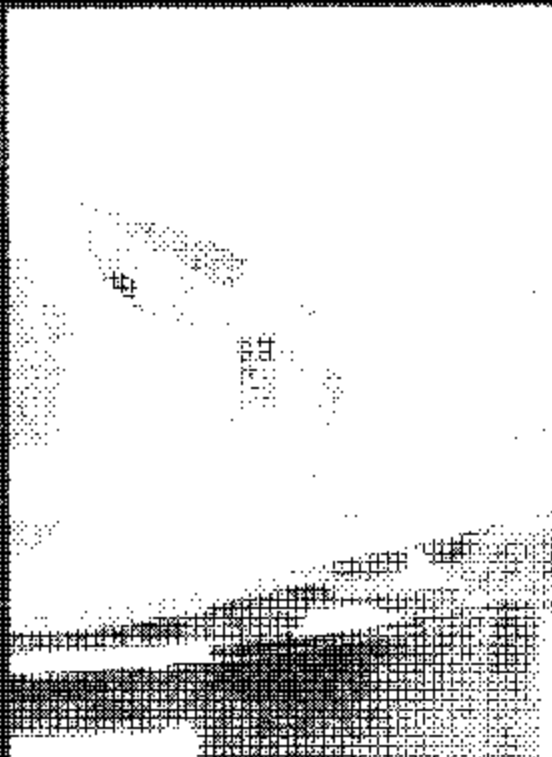
Evenflo Medallion Pro Facing Unreclined, Rearward Seat Track, No Blanket



Evenflo Medallion Rear Facing With Belt, Forward Seat Track, No Blanket



Evenflo Medallion Rear Facing With Belt, Middle Seat Track, No Blanket



Evenly Medallion Rear Facing Unlabeled, Forward Seat Track
No Blanket



Evenly Medallion Rear Facing Unlabeled, Forward Seat Track
No Blanket



Evenly Medallion Rear Facing Unlabeled, Middle Seat Track
No Blanket



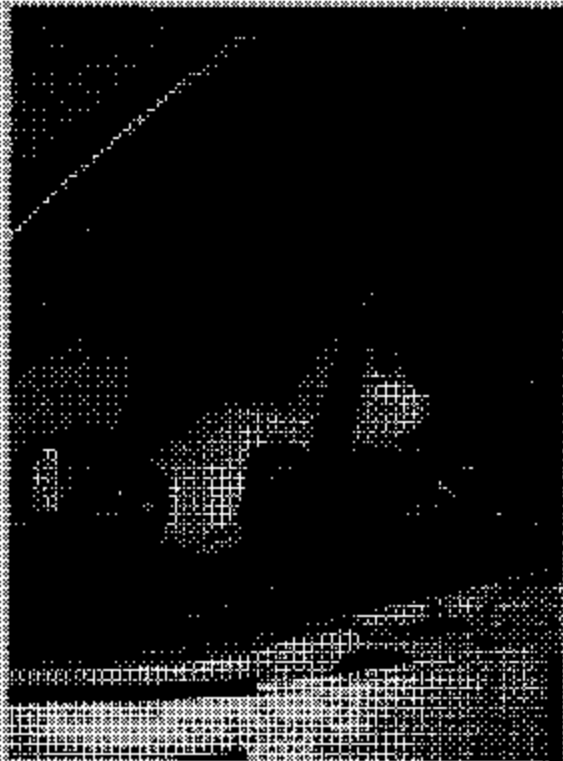
Evenly Medallion Rear Facing Unlabeled, Rearward Seat Track
No Blanket

DOT/NHTSA 2008 Suppression Test - 2004 Jeep Liberty (C40300)

12 Month

Section C

Forward Facing Convertible CRS



Unbelted 80th Percentile Female Recalculation Seat
Forward Seat Track

DOT/NHTSA 203 Suppression Test - 2004 Jeep Liberty (C40300)

3 Year Old

Section C

Forward Facing Convertible CTS



3 Year-Old Ford Focus Baby Restraint Out Belted,
Rearward Seat Track



3 Year-Old Ford Focus Baby Restraint Out Belted,
Middle Seat Track



3 Year-Old Ford Focus Baby Restraint Out Belted,
Rearward Seat Track



3 Year-Old Ford Focus Baby Restraint Out Belted,
Rearward Seat Track

DDI/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C-20319)

3 Year Old

Section C

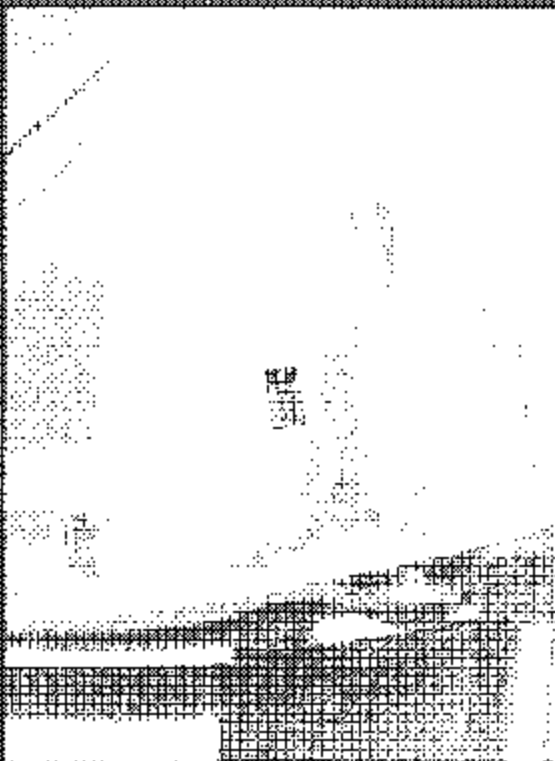
Forward Facing Convertible CPSS



3 Year Old Two Facing Canopy Enclosure Behind Forward Seat Track



3 Year Old Two Facing Canopy Enclosure Behind Middle Seat Track



3 Year Old Two Facing Canopy Enclosure Behind Rearward Seat Track

DOT/NHTSA 2008 Suppression Test - 2004 Jeep Liberty (C40300)

3 Year Old

Section C

Forward Facing Convertible CRS



3-Year-Old Fwd Facing Evenflo Medallion Belted
Forward Seat Track



3-Year-Old Fwd Facing Evenflo Medallion Belted,
Middle Seat Track



3-Year-Old Fwd Facing Evenflo Medallion Belted,
Rearward Seat Track

ECOT/HTSA 206 Suppression Test - 2004 Jeep Liberty (C-403010)

3 Year Old

Section D

Forward Facing Towbar

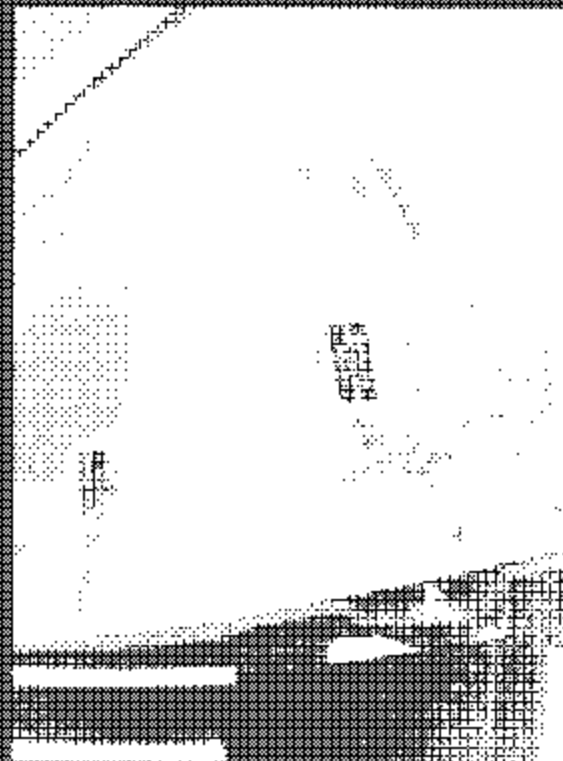
Self Posturing Booster Seat



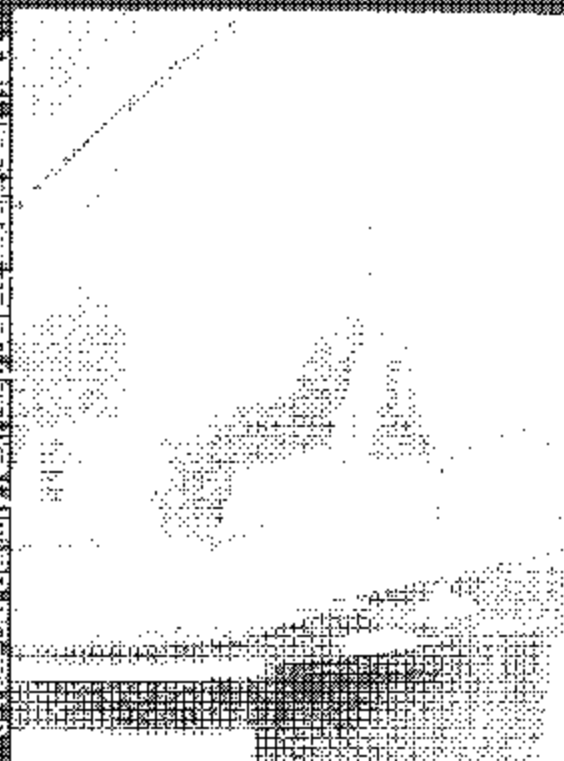
3-Year-Old Century Next Stop Bailed Rearward Seat Track



3-Year-Old Century Next Stop Bailed Rearward Seat Track



3-Year-Old Century Next Stop Bailed Female Seat Track



Unballed 6th Percentile Female Rectractable Seat, Forward Seat Track

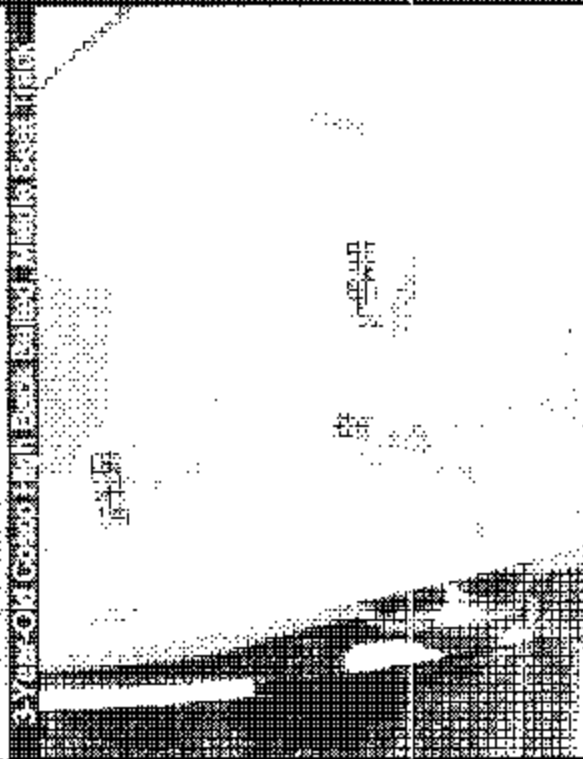
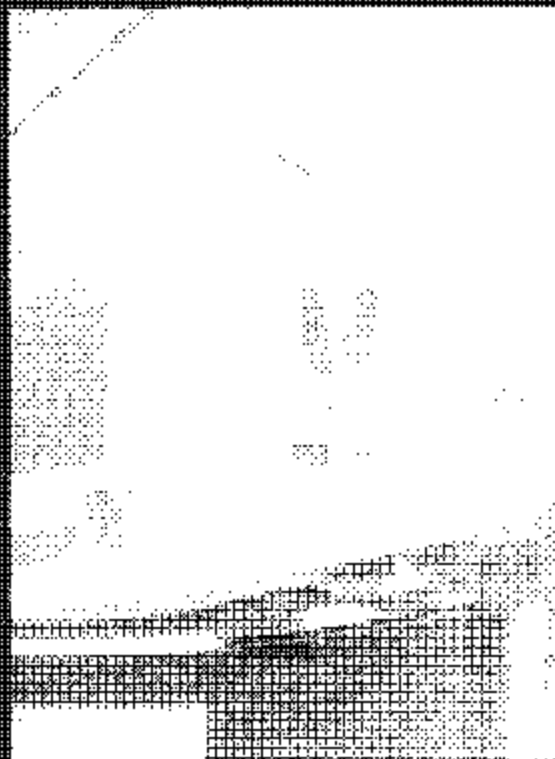
DOT/NHTSA 2006 Suppression Test - 2DB4 Jeep Liberty (C40300)

3 Year Old

Section D

Forward Facing Toddler

Belt Positioning Booster Seat



3-Year-Old Costco High Back Cinched With Harness,
Middle Seat Track



3-Year-Old Costco High Back Cinched With Harness,
Rearward Seat Track

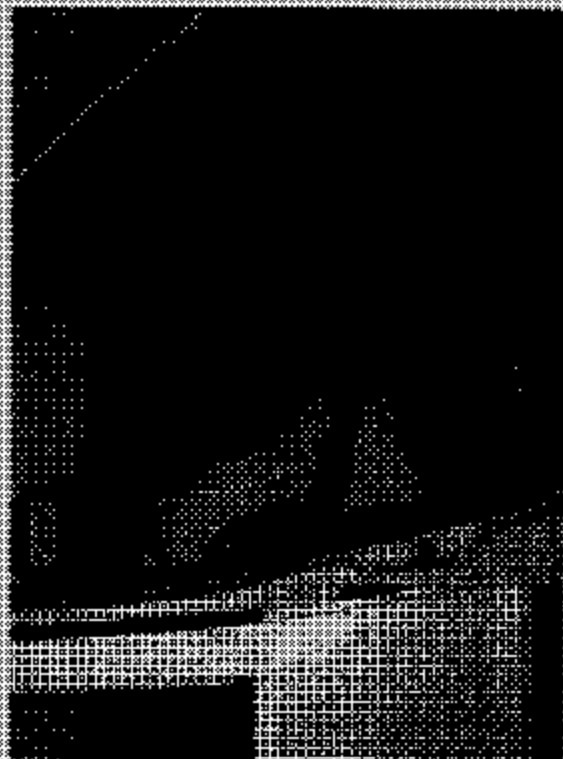
DOT/NHTSA 20th Suppression Test - 2004 Jeep Liberty (C-493100)

3 Year Old

Section D

Forward Facing Toddler

Belt Positioning Booster Seat



Unrestrained 5th Percentile Female Recreational Seat,
Rearward Seat Track

DOT/NHTSA 2006 Suppression Test - 2004 Jeep Liberty (C40300)

6 Year Old

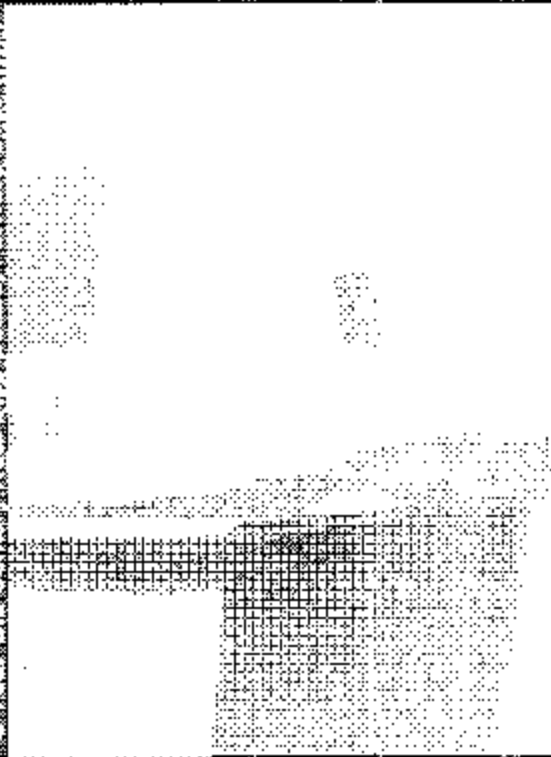
Section D

Forward Facing Toddler

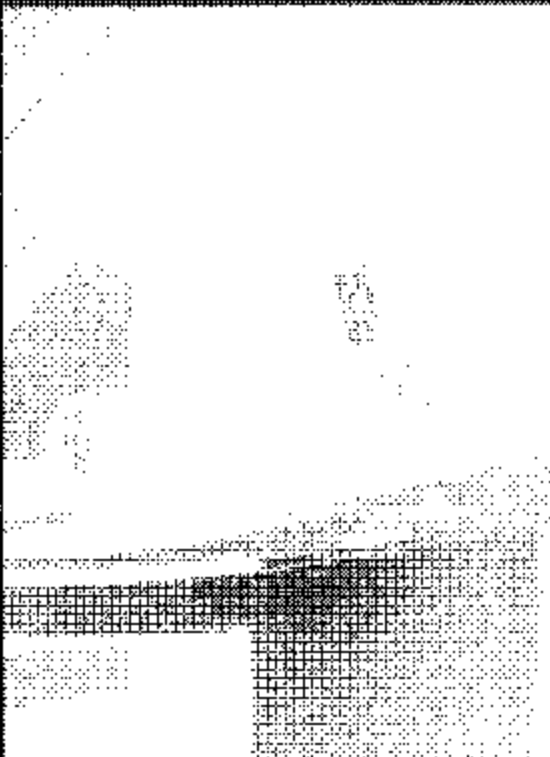
Red Positioning Booster Seat



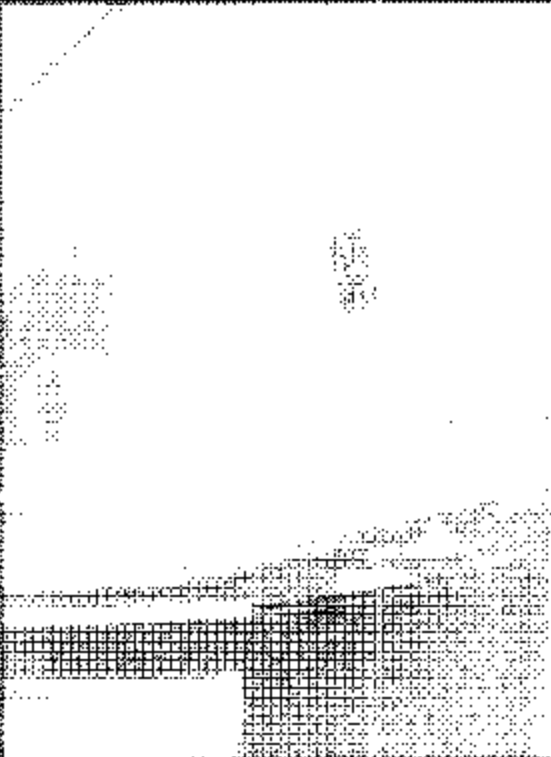
6-Year-Old Century Next Step Belted, Forward Facing Toddler



6-Year-Old Century Next Step Belted, Rearward Seat Track



6-Year-Old Century Next Step Belted, Forward Facing Toddler



6-Year-Old Century Next Step Unbelted, Forward Seat Track

DOT/NHTSA 208 Suppression Test - 2024 J649 Liberty (C 40300)

5 Year Old

Section D

Forward Facing Toddler

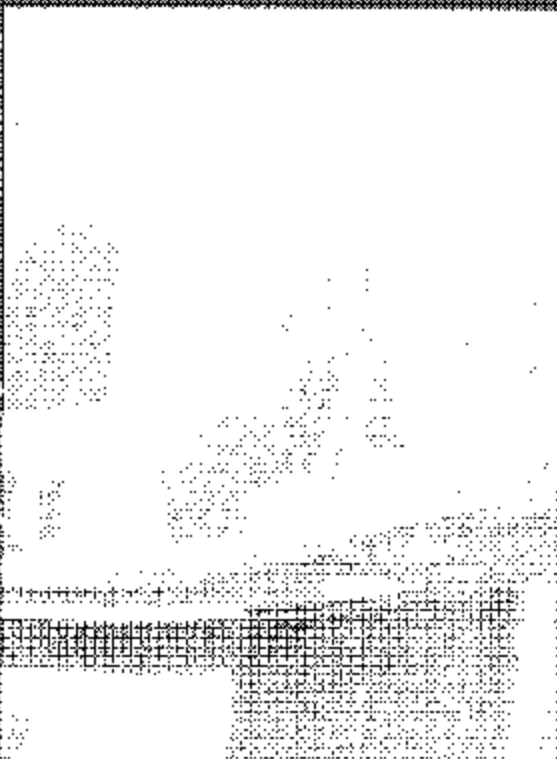
Seat Posturing Booster Seat



5-Year-Old Century Next Step Unbelcked Midsize Seat Track



5-Year-Old Century Next Step Unbelcked Rearward Seat Track



Unlabeled Child Passenger Female Rearward Seat

Rearward Seat Track

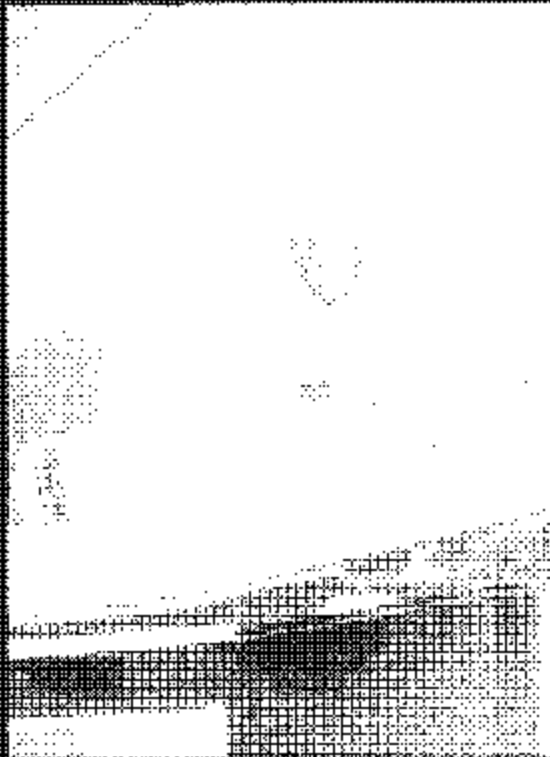
DOT/NHTSA 208 Suppression Test - 2DD4 Jeep Liberty (C-40300)

6Year Old

Section D

Forward Facing Toddler

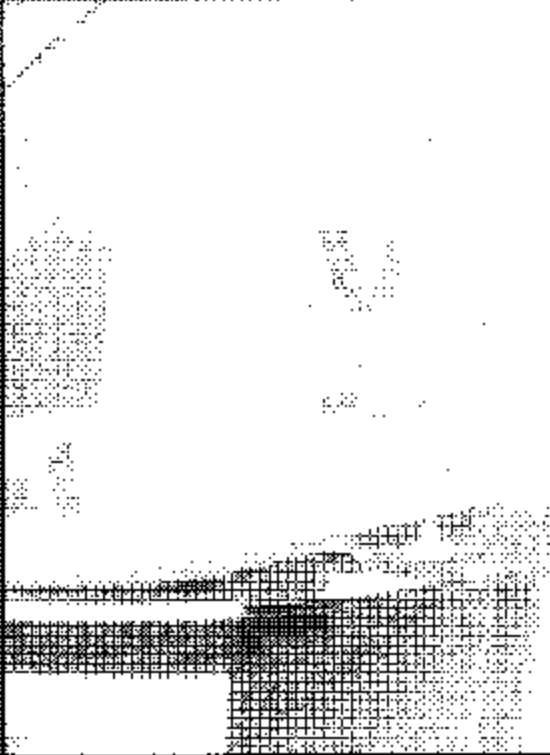
Belt Positioning Booster Seat



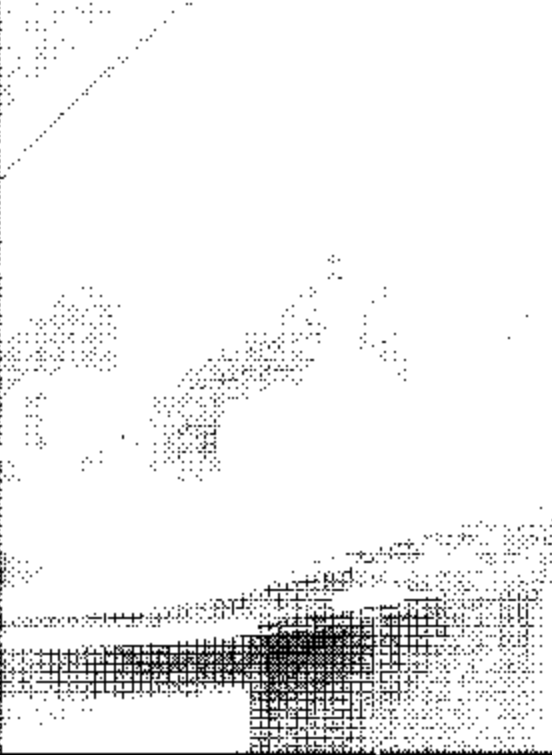
6-Year-Old Cosco High Back Booster, Rearward Seat Track



6-Year-Old Cosco High Back Booster, Rearward Seat Track



6-Year-Old Cosco High Back Booster, Rearward Seat Track



6-Year-Old Cosco High Back Booster, Rearward Seat Track

Forward Seat Track

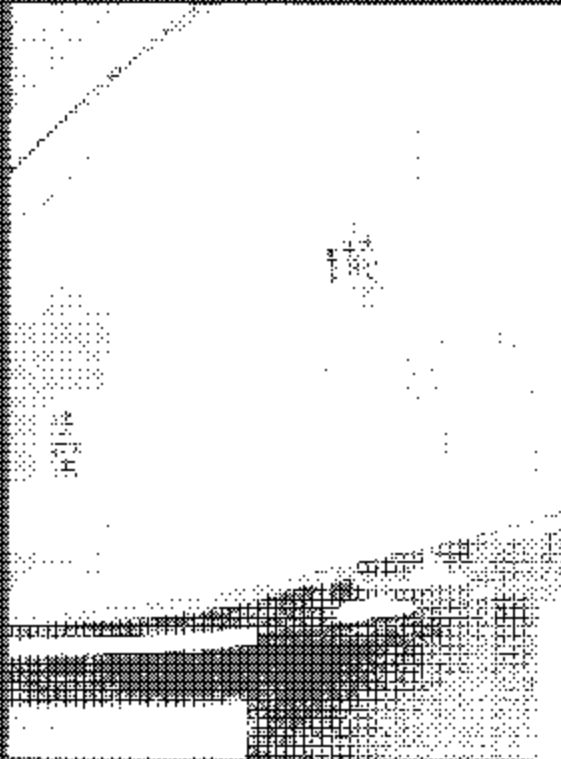
DOT/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C-40300)

6 Year Old

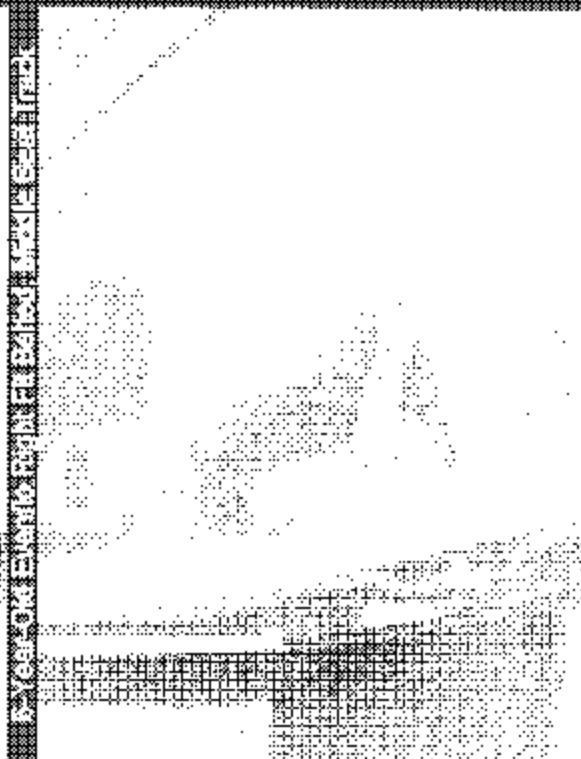
Section D

Forward Facing Toddler

Seat Positioning Booster Seat



6 Year-Old Female Non-Fit Belted, Rearward Seat Track, Unbelted



6 Year-Old Female Non-Fit Belted, Rearward Seat Track, Unbelted

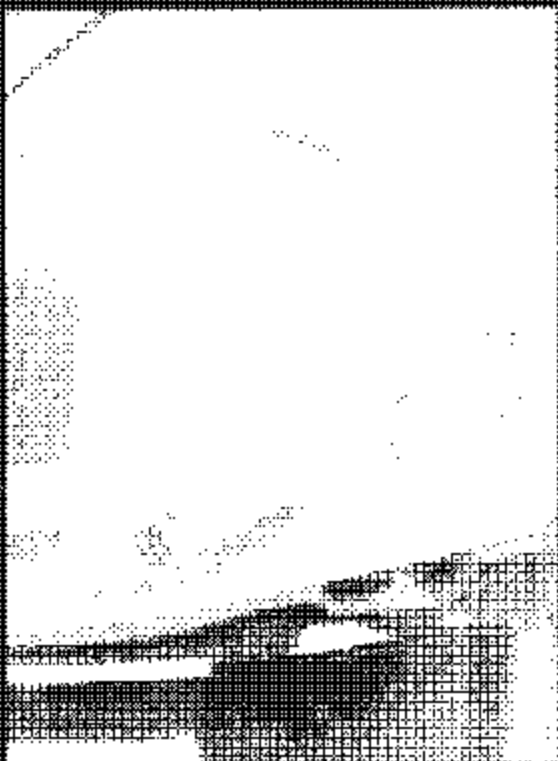
DOT/NHTSA 2018 Suppression Test - 2004 Jeep Liberty (C-40300)

3 Year Old

No CRS



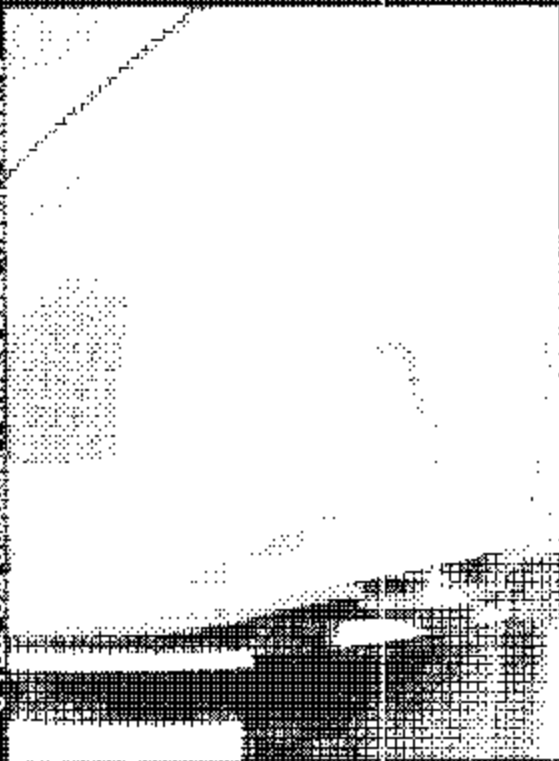
3-Year-Old Unbelted, Forward Seat Track, Position 1



3-Year-Old Unbelted, Forward Seat Track, Position 2



3-Year-Old Unbelted, Forward Seat Track, Position 4

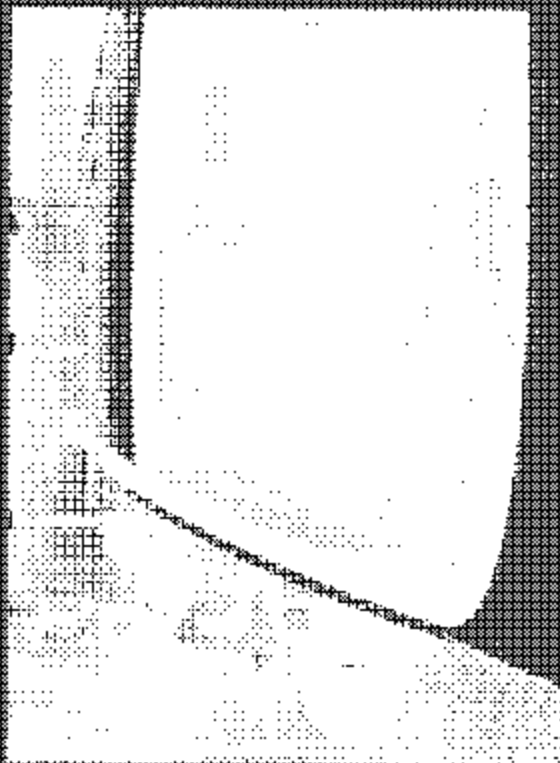


3-Year-Old Unbelted, Forward Seat Track, Position 5

DOYAL/RTSA 2008 Suppression Test - 2004 Jeep Liberty (C-40310)

3 Year Old

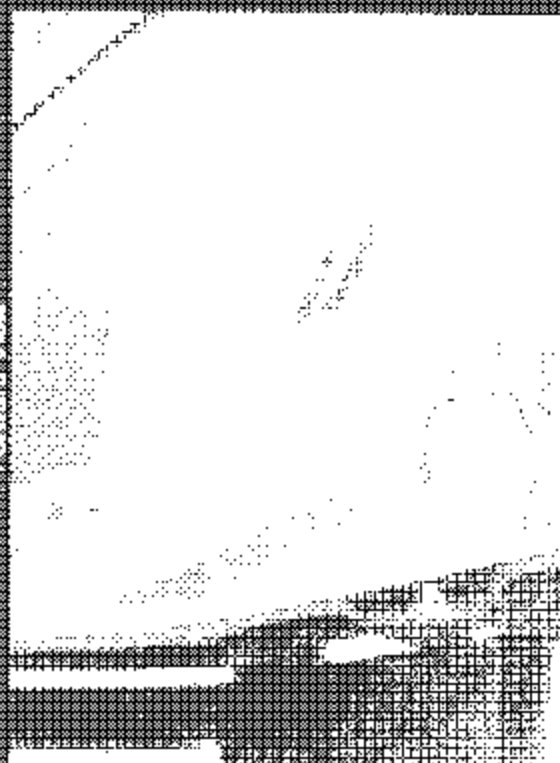
No CRS



3-Year-Old Unbelted, Forward Seat Track, Position 5,
Forward View



3-Year-Old Unbelted, Forward Seat Track, Position 8



3-Year-Old Unbelted, Forward Seat Track, Position 7



3-Year-Old Unbelted, Middle Seat Track, Position 1

DOT/NHTSA 2005 Suppression Test - 2004 Jeep Liberty (C40300)

3 Year Old

No CRS



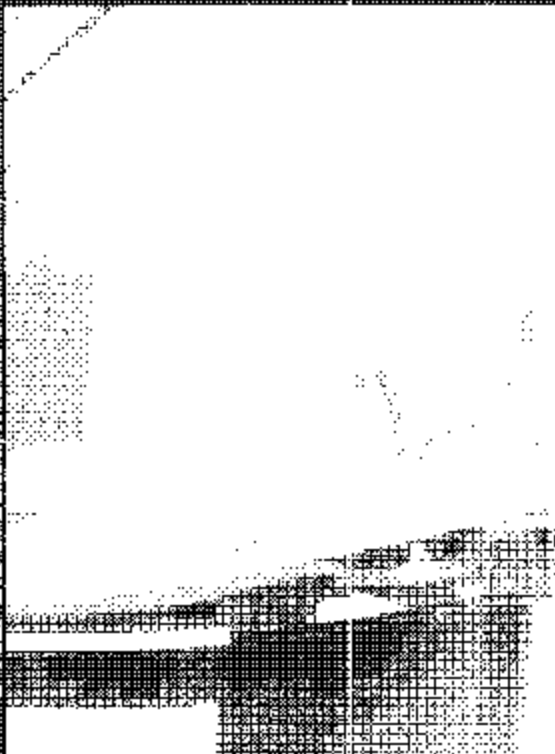
3-Year-Old Unbelted, Middle Seat Track, Position 2



3-Year-Old Unbelted, Middle Seat Track, Position 3

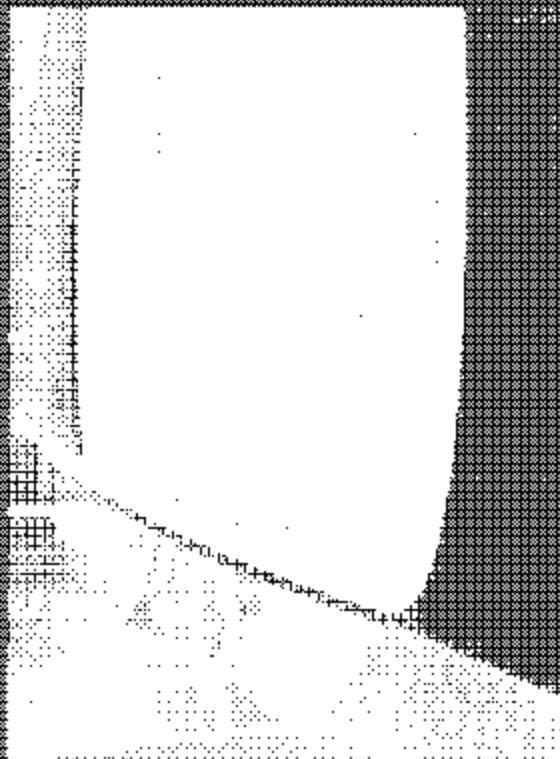


3-Year-Old Unbelted, Middle Seat Track, Position 4

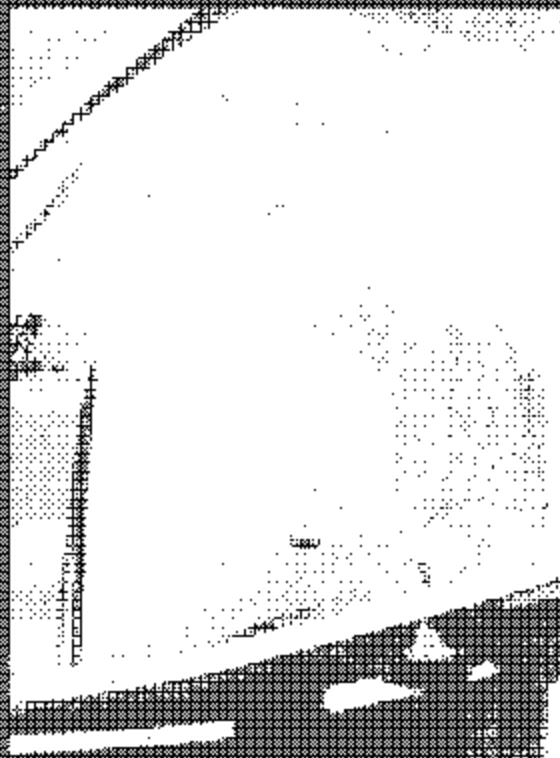


3-Year-Old Unbelted, Middle Seat Track, Position 5

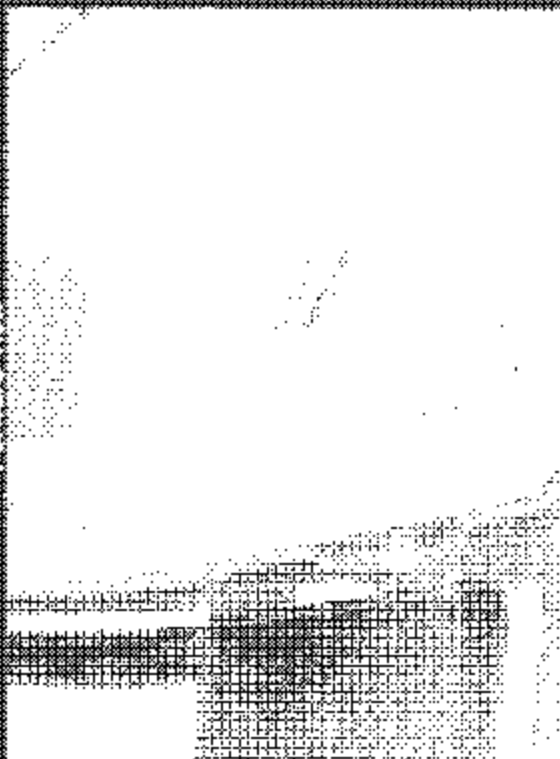
DOT/NHTSA 2002 Suppression Test - 2004 Jeep Liberty (C-10310)
 3 Year Old No CRS



1-Year Old Unbolted, Middle Seat Track, Position 5, Forward View



2-Year Old Unbolted, Middle Seat Track, Position 6



3-Year Old Unbolted, Middle Seat Track, Position 7



3-Year Old Unbolted, Rearward Seat Track, Position 1

DOT/NHTSA 2002 Suppression Test - 2004 Jeep Liberty (C-40300)

No CR6

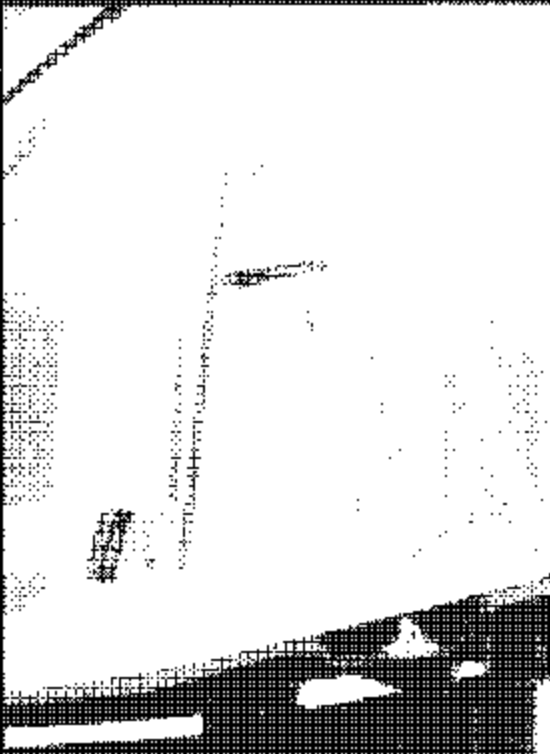
3 Year Old



3-Year-Old Unbelted, Rearward Seat Track, Position 2



3-Year-Old Unbelted, Rearward Seat Track, Position 4



3-Year-Old Unbelted, Rearward Seat Track, Position 3



3-Year-Old Unbelted, Rearward Seat Track, Position 5

DOT/NHTSA 2008 Suppression Test - 2004 Jeep Liberty (C-42250)

3 Year Old

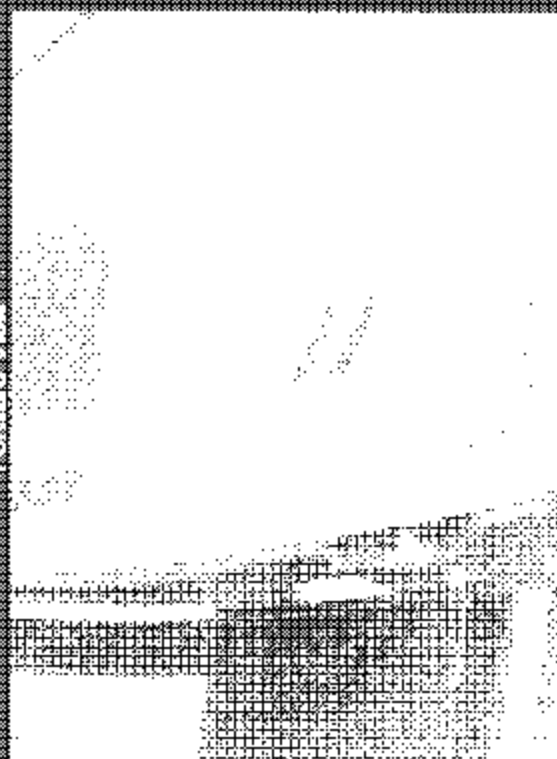
No CRS



3-Year-Old Unrestrained, Rearward Seat Track, Position 6
Forward View



3-Year-Old Unrestrained, Rearward Seat Track, Position 6

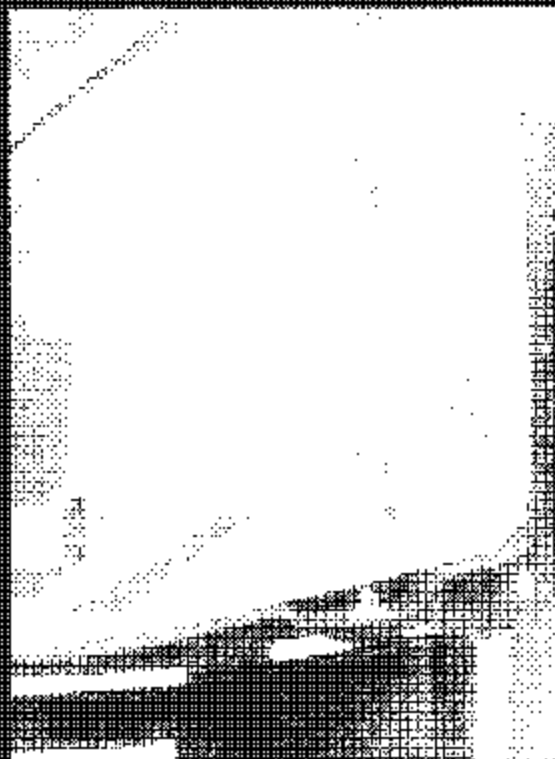


3-Year-Old Unrestrained, Rearward Seat Track, Position 7



Unrestrained 5th Percentile Female Rearward Seat,
Forward Seat Track

DOT/NHTSA 2016 Suppression Test - 2014 Jeep Liberty (C40300)
6 Year Old No CR6



6 Year Old Unbelted Forward Seat Test Position 1



6 Year Old Unbelted Forward Seat Test Position 3



6 Year Old Unbelted Forward Seat Test Position 2



6 Year Old Unbelted Forward Seat Test Position 4 Side View

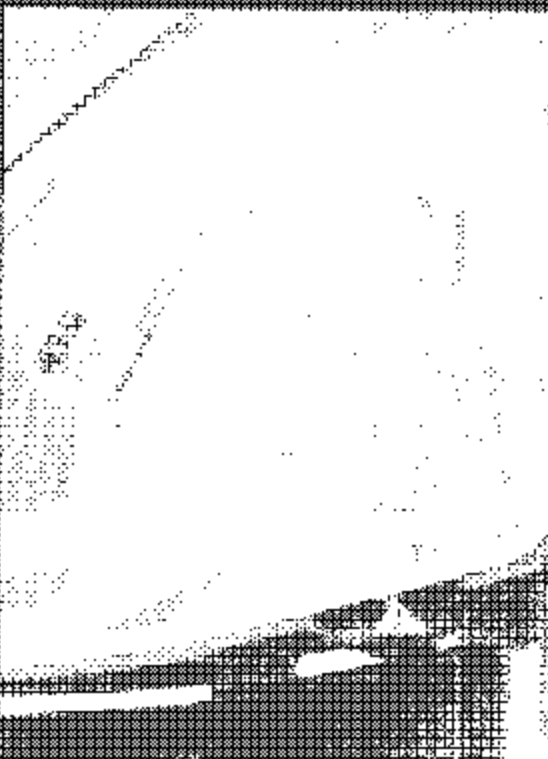
DOT/NHTSA 204 Suppression Test - 2014 Jeep Liberty (C-00310)

6 Year Old

No CRS



6-Year-Old Unbelted, Middle Seat Track Position 1



6-Year-Old Unbelted, Middle Seat Track Position 2



6-Year-Old Unbelted, Middle Seat Track Position 3



6-Year-Old Unbelted, Middle Seat Track Position 4

Forward View

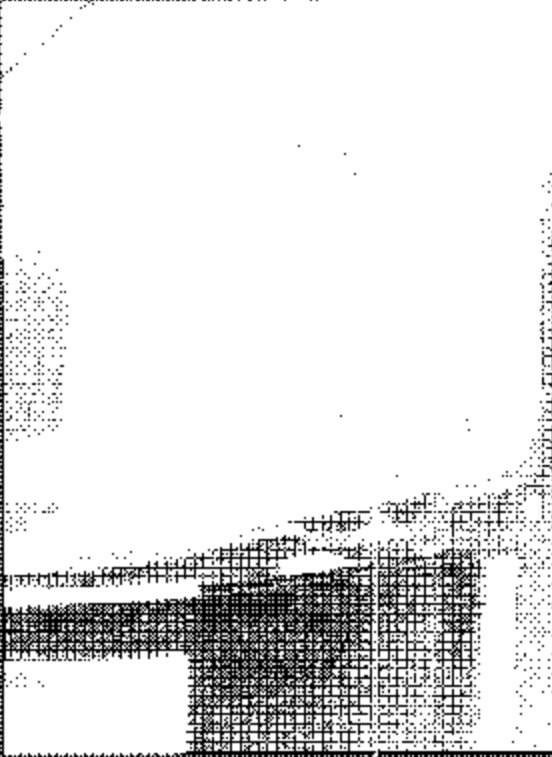
DOT/NHTSA 2003 Suppression Test - 2004 Jeep Liberty (C40300)

6 Year Old

No CRS



6-Year-Old Unbelted Forward Seat Track Position 4 Side View



6-Year-Old Unbelted, Rearward Seat Track Position 2

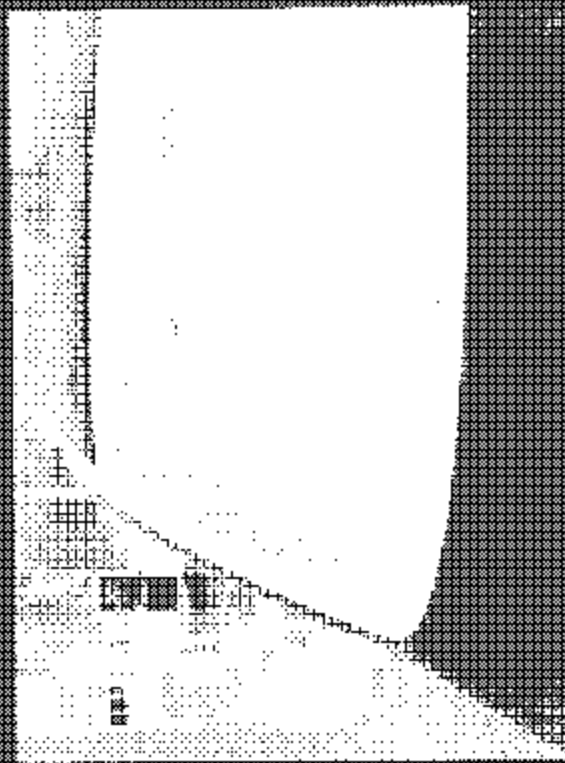


6-Year-Old Unbelted, Rearward Seat Track Position 1



6-Year-Old Unbelted, Rearward Seat Track Position 3

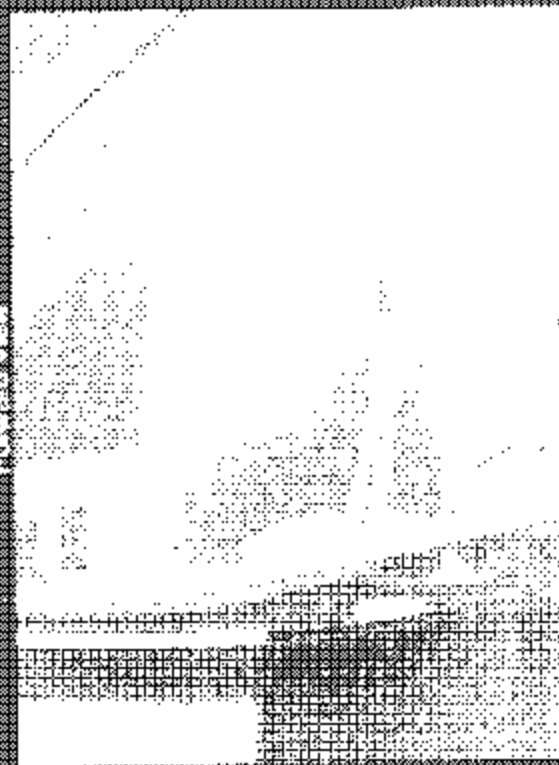
DOT/NHTSA 2016 Suppression Test - 2004 Jeep Liberty (C460300)
 6 Year Old
 No CRS



6 Year Old Unbelted, Rearward Seat Track, Position 4,
 Forward View



6 Year Old Unbelted, Forward Seat Track, Position 4, Side View



Unbelted 6th Perforated Female Reactivation Seat,
 Rearward Seat Track

APPENDIX F

INSTRUMENTATION CALIBRATION

INSTRUMENTS FOR DRIVER DUMMY NO. 506

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	J10866	Endevco	2/23/04
Head Y	J11548	Endevco	2/23/04
Head Z	AK972	Endevco	2/23/04
Neck Load Cell	1561	Denton	1/13/04
Chest X	A12-A14	Endevco	2/04/04
Chest Y	L17-Z13	Endevco	2/04/04
Chest Z	L18-N01	Endevco	2/04/04
Chest Displacement	508	Servo	2/24/04
Left Femur Load Cell	9426	Denton	1/23/04
Right Femur Load Cell	9425	Denton	1/23/04

INSTRUMENTS FOR PASSENGER DUMMY NO. 517

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	APYN0	Endevco	2/20/04
Head Y	ALFJ7	Endevco	2/20/04
Head Z	APYN3	Endevco	2/20/04
Neck Load Cell	1562	Denton	2/07/04
Chest X	J12471	Endevco	1/14/04
Chest Y	AP179	Endevco	1/13/04
Chest Z	J12423	Endevco	1/14/04
Chest Displacement	517	Servo	1/28/04
Left Femur Load Cell	948	Denton	1/17/04
Right Femur Load Cell	945	Denton	1/17/04

INSTRUMENTS FOR REAR CENTER PASSENGER DUMMY NO. 401

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	AGH79	Endevco	2/25/04
Head Y	AGH89	Endevco	2/25/04
Head Z	AGH55	Endevco	2/25/04
Neck Load Cell	253	Denton	10/17/03
Chest X	C12883	Endevco	2/25/04
Chest Y	C13081	Endevco	2/25/04
Chest Z	C12881	Endevco	2/25/04
Chest Displacement	401	Servo	2/25/04
Left Femur Load Cell	86	Denton	12/05/03
Right Femur Load Cell	85	Denton	12/05/03
Shoulder Belt Load Cell	172	Denton	10/11/03
Lap Belt Load Cell	198	Denton	12/09/03
Belt SP	607	Denton	2/04/03

INSTRUMENTS FOR LOW RISK 5TH FEMALE DUMMY NO. 494 (P1)

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	AKAD6	Endevco	11/13/03
Head Y	AM748	Endevco	11/13/03
Head Z	AHTF1	Endevco	11/13/03
Neck Load Cell	376	Denton	8/14/03
Chest X	J14006	Endevco	11/13/03
Chest Y	J13652	Endevco	11/13/03
Chest Z	J13628	Endevco	11/13/03
Chest Displacement	494	Servo	1/14/04
Left Femur Load Cell	83	Denton	11/13/03
Right Femur Load Cell	84	Denton	11/13/03

INSTRUMENTS FOR LOW RISK 5TH FEMALE DUMMY NO. 515 (P2)

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	AGRW3	Endevco	1/13/04
Head Y	J14896	Endevco	1/13/04
Head Z	AMPY0	Endevco	1/13/04
Neck Load Cell	253	Denton	10/17/03
Chest X	AJ819	Endevco	1/13/04
Chest Y	AJ9J7	Endevco	1/13/04
Chest Z	AJ7A2	Endevco	1/13/04
Chest Displacement	515	Servo	1/26/04
Left Femur Load Cell	956	Denton	9/30/03
Right Femur Load Cell	957	Denton	9/30/03

VEHICLE INSTRUMENTS

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Left Rear Seat Crossmember X	K18-D16	Entran	12/15/03
Right Rear Seat Crossmember X	K07-R26	Entran	1/21/04
Top of Engine X	I16-B03	Entran	11/11/03
Bottom of Engine X	H20-R07	Entran	10/09/03
Left Brake Caliper X	L19-K05	Entran	1/23/04
Right Brake Caliper X	L17-D10	Entran	1/23/04
Instrument Panel X	F20-G10	Entran	10/08/03
Trunk Z	A27-R14	Entran	10/09/03

APPENDIX G
NOTICE OF TEST FAILURE

LABORATORY NOTICE OF APPARENT TEST FAILURE TO OVSC

FMVSS NO. 208 TEST DATE: January 28, 2004

LABORATORY: MGA Research Corporation

CONTRACT NO.: DTNH22-03-D-11002 DELV. ORDER NO.: Contract

LABORATORY PROJECT ENGINEER'S NAME: Jeff Lewandowski

TEST SPECIMEN DESCRIPTION: 2004 Jeep Liberty MPV

VEHICLE NHTSA NO.: C40300 VIN: 1J4GK48KX4W

MFR: Daimler Chrysler Corp.

APPARENT TEST FAILURE DESCRIPTION: Air bag labeling on Data Sheet 5

3.6.3 Is the shortest distance from any of the lettering or graphics on the rollover-warning label to any of the lettering or graphics of the air bag warning label at least 3 cm? (575.105(d)(1)(iv)(A))
17mm (1.7cm) actual distance
Yes-Pass X No-FAIL

FMVSS REQUIREMENT, PARAGRAPH S___ :
S.4.5.1 Air Bag Labels

NOTIFICATION TO NHTSA (COTR): Charles Case

DATE: 1-28-2004 BY: Jeff Lewandowski

REMARKS: See Included Photo



2004 Jeep Liberty MPV S4.5.1 Air Bag Labeling Failure (Data Sheet 2—18.3)

LABORATORY NOTICE OF APPARENT TEST FAILURE TO OVSC

FMVSS NO. 208 TEST DATE: January 28, 2004

LABORATORY: MGA Research Corporation

CONTRACT NO.: DTNH22-03-D-11002 DELV. ORDER NO.: Contract

LABORATORY PROJECT ENGINEER'S NAME: Jeff Lewandowski

TEST SPECIMEN DESCRIPTION: 2004 Jeep Liberty MPV

VEHICLE NHTSA NO.: C40300 VIN: 1J4GK48KX4W

MFR: Daimler Chrysler Corp.

APPARENT TEST FAILURE DESCRIPTION:
Seat Belt Warning System Check on Data Sheet 9

18. The seat belt warning system meets the requirements of (manufacturers may comply with either section)
S7.3 (a)(1)
S7.3 (a)(2)
☒ FAIL - Does NOT meet the requirements of either option

FMVSS REQUIREMENT, PARAGRAPH S 7.3 :
The vehicle did not meet the performance requirements of S.7.3 FMVSS 208 Seat Belt Warning System Check. The system met requirements partly in S7.3 (a)(1) and partly in S7.3 (a)(2).

NOTIFICATION TO NHTSA (COTR): Charles Case

DATE: 1-28-2004 BY: Jeff Lewandowski

REMARKS: